

ROYAL SWEDISH ACADEMY OF SCIENCES

# AMBIO

A JOURNAL OF THE HUMAN ENVIRONMENT

## 15-YEAR INDEX (1972–1986)

DEX

INDE

# AMBIO INDEX

## 1972–1986

INDEX

INDE

# AMBIO INDEX: 1972-1986

The following is an information product which aims to provide the reader with an overview of AMBIO's contents spanning 15 years. All articles and reports (synopses are not included) are listed under two main headings: region and subject. Many articles/reports are

listed under both headings.

Supportive/critical comments from AMBIO's readership are welcome. Additional copies of this index as well as back issues of AMBIO are available by writing to the editorial office:

## AMBIO

Royal Swedish Academy of Sciences  
Box 50005  
S-104 05 Stockholm  
Sweden

This index will be updated periodically.

## Region

### ALASKA

T. Swem and R. Cahn, *The Politics of Parks in Alaska* 12, 14-19 (1983).

### ANTARCTICA

P.H.C. Lucas, *International Agreement on Conserving the Antarctic Environment* 11, 292-295 (1982).

### AUSTRALIA

A. Fox, *Kakadu is Aboriginal Land* 12, 161-167 (1983).

M. Hill, *Kakadu National Park and the Aborigines: Partners in Protection* 12, 158-160 (1983).

G. Kelleher and R. Kenchington, *Australia's Great Barrier Reef Marine Park: Making Development Compatible with Conservation* 11, 262-267 (1982).

R.N. Morse, *Solar Energy in Australia* 6, 209-215 (1977).

### AUSTRIA

W. Moser and J. Peterson, *Limits to Obergurgl's Growth* 10, 68-72 (1981).

### BALTIC

T. Ahl, A. Haverinen, L. Thorell and J. Wartiovaara, *Discharge of Nitrogen, Phosphorus and Organic Matter into the Gulf of Bothnia* 6, 273-275 (1977).

G. Alexanderson, *Shipping in the Baltic* 9, 158-162 (1980).

D. Brønmark and B. Ganning, *Bivalve Molluscs (*Mytilus edulis* and *Macoma balthica*) for Monitoring Diffuse Oil Pollution in a Northern Baltic Archipelago* 14, 23-28 (1985).

L. Brunreau, *Pollution from Industries in the Drainage Area of the Baltic* 9, 145-152 (1980).

D.I. Dybner, *The Organizational Pattern of Baltic Marine Science* 9, 187-193 (1980).

D.W. Dyrssen and L.R. Uppström, *The Boron Chlorinity Ratio in the Baltic Sea Water* 3, 44-46 (1974).

M. Falkenmark, *Hydrology of the Baltic Sea Area: Temporal Fluctuations in Water Balance* 15, 97-102 (1986).

R.S. Gupta, *On Some Trace Metals in the Baltic* 1, 226-230 (1972).

E. Helle, M. Olsson and S. Jensen, *DDT and PCB Levels and Reproduction in Ringed Seal from the Bothnian Bay* 5, 188-189 (1976).

U. Horstmann, H. Van der Piepen and K.W. Barrot, *The Influence of River Water on the South-eastern Baltic Sea as Observed by Nimbus 7/CZCS Imagery* 15, 286-289 (1986).

B. Hägerhäll, *International Cooperation to Protect the Baltic* 9, 183-186 (1980).

B. Jansson, S. Jensen, M. Olsson, L. Renberg, G. Sundström and R. Vaz, *Identification by GC-MS of Phenolic Metabolites of PCB and p,p'-DDE Isolated from Baltic Guillemot and Seal* 4, 93-97 (1975).

B. Jansson, *Natural Systems of the Baltic Sea* 9, 128-136 (1980).

S. Jensen and B. Jansson, *Anthropogenic Substances in Seal from the Baltic: Methyl Sulfone Metabolites of PCB and DDE* 5, 257-260 (1976).

J.E. Kihlstrom and E. Berglund, *An Estimation of the Amounts of Polychlorinated Biphenyls in the Biomass of the Baltic* 7, 175-178 (1978).

U. Larsson, R. Elmgren and F. Wulff, *Eutrophication and the Baltic Sea: Causes and Consequences* 14, 9-14 (1985).

E. Leppäkoski, *Man's Impact on the Baltic Ecosystem* 9, 174-181 (1980).

O. Lindén, *Acute Effects of Oil and Oil/Dispersant Mixture on Larvae of Baltic Herring* 4, 130-133 (1975).

O. Lindén, R. Elmgren and P. Bochm, *The Tresis Oil Spill: Its Impact on the Coastal Ecosystem of the Baltic Sea* 8, 244-253 (1979).

B. Odén, *Human Systems in the Baltic* 9, 116-127 (1980).

J. Pawlik, *Land-based Inputs of Some Major Pollutants to the Baltic Sea* 9, 163-167 (1980).

K. Rikkinen, *The Baltic's Urban Systems* 9, 138-144 (1980).

H. Rodhe, R. Söderlund and J. Ekstedt, *Deposition of Airborne Pollutants on the Baltic* 9, 168-173 (1980).

A. Rosemarin, M. Notini and K. Holmgren, *The Fate of Arsenic in the Baltic Sea Fucus vesiculosus Ecosystem* 14, 342-345 (1985).

U. Rönner, *Nitrogen Transformations Within the Baltic Proper: Denitrification Counteracts Eutrophication* 14, 134-138 (1985).

S. Sjöberg, F. Wulff and P. Wählström, *The Use of Computer Simulations for Systems Ecological Studies in the Baltic* 11, 217-222 (1972).

F. Thurøe, *The State of Fish Stocks in the Baltic* 9, 153-157 (1980).

### BHUTAN

C. Sargent, *The Forests of Bhutan* 14, 75-80 (1985).

### BRAZIL

P.M. Fearnside, *Spatial Concentration of Deforestation in the Brazilian Amazon* 15, 74-81 (1986).

J.R. Ferreira, H. Bergman Filho, J.F. Krug, N.A. Menezes, P.E. Hansen and S. Storgaard Jorgenson, *Mercury in Water and Fish from the São Vicente Estuary near Santos, Brazil* 8, 210-213 (1979).

J. Goldemberg, J.R. Moreira, P.U.M. dos Santos and G.E. Serra, *Ethanol Fuel: A Use of Biomass Energy in Brazil* 14, 293-297 (1985).

M.T.J. Padua and A.T.B. Quintao, *Parks and Biological Reserves in the Brazilian Amazon* 11, 309-314 (1982).

L.G. Teixeira, *Ouro Preto: Brazil's Monument Town* 12, 213-215 (1983).

### CANADA

E.B. Bennett, *The Nutrifying of Lake Superior* 15, 272-275 (1986).

C.T. Charlebois, *High Mercury Levels in Indians and Inuits in Canada* 7, 204-210 (1978).

C.F. Jenkins, *The Joint Canadian-US Great Lakes Research Project* 7, 98-105 (1978).

C. Mondor and S. Kun, *The Long Struggle to Protect Canada's Vanishing Prairie* 11, 286-291 (1982).

W. Peden, *Canada's Nuclear Power Program* 5, 127-128 (1976).

### CARIBBEAN

J.V. Beekhuis, *Tourism in the Caribbean: Impacts on the Economic, Social and Natural Environments* 10, 325-331 (1981).

A.M. Gajraj, *Threats to the Terrestrial Resources of the Caribbean* 10, 307-311 (1981).

F. Gumbs, *Agriculture in the Wider Caribbean* 10, 335-339 (1981).

A. Jermelov and O. Linden, *Ixtoc I: A Case Study of the World's Largest Oil Spill* 10, 299-306 (1981).

B. Levine, *Abundance and Scarcity in the Caribbean* 10, 274-282 (1981).

A. Lugo, R. Schmidt and S. Brown, *Tropical Forests in the Caribbean* 10, 318-324 (1981).

R. Reid, *Environment and Public Health in the Caribbean* 10, 312-317 (1981).

A. Rodriguez, *Marine and Coastal Environmental Stress in the Wider Caribbean Region* 10, 283-294 (1981).

A. Thorhaug, *Biology and Management of Seagrass in the Caribbean* 10, 295-298 (1981).

J. Tomblin, *Earthquakes, Volcanoes and Hurricanes: A Review of Natural Hazards and Vulnerability in the West Indies* 10, 340-345 (1981).

### CHINA

T.K. Moulik, *The Biogas Program in India and China* 14, 288-292 (1985).

F.P. Sebastian, Jr., *Waste Treatment in China: Ancient Traditions and High Technology* 1, 209-216 (1972).

J. Sigurdson, *Water Policies in India and China* 6, 70-76 (1977).

J. Sigurdson, *Development of Rural Areas in India and China* 5, 98-107 (1976).

J. Sigurdson, *Resources and Environment in China* 4, 112-119 (1975).

V. Smil, *Deforestation in China* 12, 226-231 (1983).

E.A. Van Buren, *Biogas Beyond China: First International Training Program for Developing Countries* 9, 10-15 (1980).

D. Zhao and B. Sun, *Air Pollution and Acid Rain in China* 15, 2-5 (1986).

R.D. Zweig, *Freshwater Aquaculture in China: Ecosystem Management for Survival* 14, 66-74 (1985).

### DENMARK

H. Gydesen, L. Rasmussen, K. Pilegaard, A. Andersson and M.F. Hovmand, *Differences in the Regional Disposition of Cadmium, Copper, Lead and Zinc in Denmark as Reflected in Bulk Precipitation, Epiphytic Cryptogams and Animal Kidneys* 10, 229-230 (1981).

## DDR

W. Arkin, F. Von Hippel and B.G. Levi, *The Consequences of a "Limited" Nuclear War in East and West Germany* 11, 163-173 (1982).

## DOMINICA

P.G.H. Evans, *Dominica Multiple Land Use Project* 15, 82-89 (1986).

## EAST AFRICA

E.K. Balon, *Kariba: The Dubious Benefits of Large Dams* 7, 40-48 (1978).

J.P. Barde, G.M. Brown, Jr. and P.F. Teniere Buchot, *Water Pollution Control Policies Are Getting Results* 8, 152-159 (1979).

P. Bliss-Guest, *The Tide Comes in for East Africa* 12, 358-358 (1983).

P. Bliss-Guest, *Environmental Stress in the East African Region* 12, 290-295 (1983).

D. Finn, *Land Use and Abuse in the East African Region* 12, 296-301 (1983).

A. Hill, *Digging Up Man's Past* 12, 312-315 (1983).

J.F. Lionnet, *Islands Not Unto Themselves* 12, 288-289 (1983).

A. Moumouni, *Energy Needs and Problems in the Sahelian and Sudanese Zones in Africa: Prospects of Solar Power* 2, 203-213 (1973).

B. Munslow, P. O'Keefe, D. Pankhurst and P. Philips, *Energy and Development on the African East Coast: Somalia, Kenya, Tanzania and Mozambique* 12, 332-337 (1983).

R. Oleombo, *East African Region: A Collection of Diversity* 12, 284-287 (1983).

H. Osore, *Pollution and Public Health in East Africa* 12, 316-321 (1983).

S. Ulfstrand and A. Södergren, *Organochlorine Residues in East African Birds* 1, 150-151 (1972).

## EAST ASIA

N.D. Jayal, *Destruction of Water Resources-The Most Critical Ecological Crisis of East Asia* 14, 95-98 (1985).

J.P. Malingreau, G. Stephens and L. Fellows, *Remote Sensing of Forest Fires: Kalimantan and North Borneo in 1982-83* 14, 314-321 (1985).

## EGYPT

A. Kadry, *Salvaging Egypt's Nubian Monuments* 12, 206-209 (1976).

M.A. Kishk, *Land Degradation in the Nile Valley* 15, 226-230 (1986).

## ETHIOPIA

G. Kidane and E.D. Hecht, *Ethiopia's Rockhewn Churches of Lalibela* 12, 210-212 (1983).

## EUROPE

N.H. Highton and M.J. Chadwick, *The Effects of Changing Patterns of Energy Use on Sulfur Emissions and Depositions in Europe* 11, 324-328 (1982).

J. Mowrer, K. Åswald, G. Burgermeister, L. Machado and J. Tarradellas, *PCB in a Lake Geneva Ecosystem* 11, 367-371 (1982).

## FIJI

H.C. Brookfield, *Man, Environment and Development in the Outer Islands of Fiji* 10, 59-67 (1981).

P. Lal, *Environmental Implications of Coastal Development in Fiji* 13, 316-321 (1984).

S. Siwatibau, *Traditional Environmental Practices in the South Pacific-A Case Study of Fiji* 13, 365-368 (1984).

## FINLAND

T. Koljonen, *The Availability of Selenium as a Nutrient in Different Geological Environments*.

*With Special Reference to Finland and Iceland* 7, 169-171 (1978).

M. Lodenius, *Regional Distribution of Mercury in Hypogymnia physodes in Finland* 10, 183-184 (1981).

J.K. Miettinen, *The Nuclear Power Situation in Finland* 5, 129-131 (1976).

F. Oldfield, K. Tolonen and R. Thompson, *History of Particulate Atmospheric Pollution from Magnetic Measurements in Dated Finnish Peat Profiles* 10, 185-188 (1981).

## FRG

W. Arkin, F. Von Hippel and B.G. Levi, *The Consequences of a "Limited" Nuclear War in East and West Germany* 11, 163-173 (1982).

M. Ashmore, N. Bell and J. Rutter, *The Role of Ozone in Forest Damage in West Germany* 14, 81-87 (1985).

## GALAPAGOS ISLANDS

P. Kramer, *The Galapagos: Islands Under Siege* 12, 186-190 (1983).

## GREECE

K. Fytianos, V. Samanidou and T. Agelidis, *Comparative Study of Heavy Metals Pollution in Rivers and Lakes of Northern Greece* 15, 42-44 (1986).

## GUAM

W. Zucker, *Hazardous Waste Management on Guam: A Case Study* 13, 334-335 (1984).

## HAITI

L.A. Lewis and W.J. Coffey, *The Continuing Deforestation of Haiti* 14, 158-160 (1985).

## HIMALAYAS

B. Jeffries, *Sagarmatha National Park: The Impact of Tourism in the Himalayas* 11, 274-281 (1982).

J.S. Singh, U. Pandey and A.K. Tiwari, *Man and Forests: A Central Himalayan Case Study* 13, 80-87 (1984).

## HONDURAS

D. Glick, *The Rio Platano Biosphere Reserve: Unique Resource, Unique Alternative* 12, 168-173 (1983).

## HONG KONG

K. Newcombe, J.D. Kalma and A.R. Aston, *The Metabolism of a City: The Case of Hong Kong* 7, 3-15 (1978).

## HUNGARY

I. Lang, *Hungary's Lake Balaton: A Program to Solve Its Problems* 7, 164-168 (1978).

## ICELAND

S.A. Bengtsson and A. Södergren, *DDT and PCB Residues in Airborne Fallout and Animals in Iceland* 3, 84-86 (1974).

T. Koljonen, *The Availability of Selenium as a Nutrient in Different Geological Environments, With Special Reference to Finland and Iceland* 7, 169-171 (1978).

## INDIA

T.K. Moudik, *The Biogas Program in India and China* 14, 288-292 (1985).

N.L. Ramanathan and S. Kahyap, *Occupational Environment and Health in India* 4, 60-64 (1975).

T.S. Rao, *The Handling of Nitrogenous Wastes in Rural India* 6, 134-136 (1977).

V. Shiva, J. Bandyopadhyay and N.D. Jayal, *Afforestation in India: Problems and Strategies* 14, 329-333 (1985).

J. Sigurdson, *Water Policies in India and China* 6, 70-76 (1977).

J. Sigurdson, *Development of Rural Areas in India and China* 5, 98-107 (1976).

## INDIAN OCEAN

J.D. Ardill, *Fisheries in the Southwest Indian Ocean* 12, 341-344 (1983).

S. Holt, *The Indian Ocean Whale Sanctuary* 12, 345-347 (1983).

R. Salm, *Coral Reefs of the Western Indian Ocean: A Threatened Heritage* 12, 349-353 (1983).

D.R. Stoddart, *Aldabra: Island of Giant Tortoises* 12, 180-185 (1986).

## INDONESIA

K. Kartawinata, S. Adisomarto, S. Riswan and A.P. Vayda, *The Impact of Man on a Tropical Forest in Indonesia* 10, 115-119 (1981).

R. Repetto, *Soil Loss and Population Pressure in Java* 15, 14-18 (1986).

O. Soermawoto, *Nitrogen in Tropical Agriculture: Indonesia as a Case Study* 6, 162-165 (1977).

W.B. Thornton, *Krakatau-The Development and Repair of a Tropical Ecosystem* 13, 216-225 (1984).

## ITALY

V. Giacimini and D. Hinrichsen, *New Perspectives on the Eternal City* 10, 79-86 (1981).

## JAPAN

F. Shimozono and K. Iwatsuki, *Botanical Gardens and the Conservation of an Endangered Species in the Bonin Islands* 15, 19-21 (1986).

G. Umeda, *Kanemi Yusho: PCB Poisoning in Japan* 1, 132-134 (1972).

## KENYA

P.N. Bradley, N. Chavangi and A. Van Gelder, *Development Research and Energy Planning in Kenya* 14, 228-236 (1985).

R.H. Hosier, *Household Energy Consumption in Rural Kenya* 14, 225-227 (1985).

H. Lamprey and H. Yussef, *Pastoralism and Desert Encroachments in Northern Kenya* 10, 131-134 (1981).

W.J. Lusigi, *New Approaches to Wildlife Conservation in Kenya* 10, 87-92 (1981).

P. O'Keele, *The Causes, Consequences and Remedies of Soil Erosion in Kenya* 12, 302-305 (1983).

P. O'Keele and P. Raskin, *Fuelwood in Kenya: Crisis and Opportunity* 14, 220-224 (1985).

P. O'Keele and D. Shakow, *Kenya's Ethanol Program: Is It Viable?* 10, 171-175 (1981).

D. Shakow, D. Weiner and P. O'Keele, *Energy and Development: The Case of Kenya* 10, 206-210 (1981).

C.G. Wenner, *Soil Conservation in Kenya* 12, 305-307 (1983).

D. Western, *Amboseli National Park: Enlisting Landowners to Conserve Migratory Wildlife* 11, 302-308 (1982).

## MADAGASCAR

P. Randrianarivo, *The Erosion of Madagascar* 12, 308-311 (1983).

## MALAYSIA

S.R. Aiken and C.H. Leigh, *On the Declining Fauna of Peninsular Malaysia in the Post-Colonial Period* 14, 15-22 (1985).

J.E. Ong, *Mangroves and Aquaculture in Malaysia* 11, 252-257 (1982).

## MARSHALL ISLANDS

A. Heine, *Urbanization and Social Change in the Marshall Islands* 13, 313-315 (1984).

## MEDITERRANEAN

R.P. Ambrogi, *Freshwater Resources of the Mediterranean Basin* 6, 371-373 (1977).

S. Antoine, A "Blue Plan" for the Survival of the Mediterranean Region 6, 332-335 (1977).

J. Brisou, *The Health Situation Around the Mediterranean* 6, 342-345 (1977).

D. Charbonnier, *Prospects for Fisheries in the Mediterranean* 6, 374-376 (1977).

H.Z. Evan, *Environmental Management in a Mediterranean Port City: Haifa* 6, 346-349 (1977).

A. Gilad, *Environmental Pollution Control in Metropolitan Athens* 6, 350-354 (1977).

R. Helmer, *Pollutants From Land-Based Sources in the Mediterranean* 6, 312-316 (1977).

P.M. Henry, *The Mediterranean: A Threatened Microcosm* 6, 300-307 (1977).

S. Keckes, *The Coordinated Mediterranean Pollution Monitoring and Research Program* 6, 327-328 (1977).

H.N. Le Houérou, *Man and Desertification in the Mediterranean Region* 6, 363-365 (1977).

P. Le Lourd, *Oil Pollution in the Mediterranean Sea* 6, 317-320 (1977).

C. Osterberg and S. Keckes, *The State of Pollution of the Mediterranean Sea* 6, 321-326 (1977).

A. Scialla Lagrange, *The Barcelona Convention and its Protocols* 6, 328-332 (1977).

M. Tangi, *Tourism and the Environment* 6, 336-341 (1977).

P.S. Thacher, *The Mediterranean Action Plan* 6, 308-312 (1977).

R. Tomasselli, *The Degradation of the Mediterranean Maquis* 6, 356-362 (1977).

UNEP/FAO, *Food, Agriculture and the Environment in the Mediterranean Basin* 6, 368-370 (1977).

## MEXICO

G. Halffter, *The Mapimi Biosphere Reserve: Local Participation in Conservation and Development* 10, 93-96 (1981).

## MOZAMBIQUE

R. Madeley, D. Jolley and P. O'Keefe, *The Advent of Primary Health Care in Mozambique* 12, 322-325 (1983).

## NEPAL

D. Hinrichsen, P.H.C. Lucas, B. Coburn and B.N. Uperti, *Saving Sagarmatha* 12, 203-205 (1983).

H.R. Mishra, *Balancing Human Needs and Conservation in Nepal's Royal Chitwan Park* 11, 246-251 (1982).

## NETHERLANDS

G.P. Hekstra, *Will Climatic Change Flood The Netherlands? Effects on Agriculture, Land Use and Well-Being* 15, 316-326 (1986).

M. Smies and A.D.H.L. Huiskes, *Holland's Eastern Scheldt Estuary Barrier Scheme: Some Ecological Considerations* 10, 158-165 (1981).

## NEW ZEALAND

P. Dingwall, *New Zealand: Saving Some of Everything* 11, 296-301 (1982).

G.P. Glasby, *Modification of the Environment in New Zealand* 15, 266-271 (1986).

K.F. O'Conner and K.A. Ackley, *New Zealand's Waitaki: A Regional Planning Perspective for Regional Resources* 10, 142-147 (1981).

## NICARAGUA

P.J. Svensson, *Cotton Stalks as an Energy Source for Nicaragua* 14, 298-303 (1985).

## NIGERIA

S.S. Atuma and D.I. Okor, *Pesticide Usage in Nigeria—Need for a Baseline Study* 14, 340-341 (1985).

P.A. Oluwande, *Automobile Exhaust Problems in Nigeria* 8, 26-29 (1979).

M.K.C. Sridhar, P.A. Oluwande and A.O. Okubadejo, *Health Hazards and Pollution from Open Drains in a Nigerian City* 10, 29-33 (1981).

## NORTH AMERICA

H. Eidsvik, *Under Joint Responsibility: The Kluane-Wrangell-St. Elias World Heritage Site* 12, 191-196 (1983).

N. Myers, *The Hamburger Connection: How Central America's Forests Become North America's Hamburgers* 10, 3-8 (1981).

## NORWAY

T. Ahl and E. Jönsson, *Boron in Swedish and Norwegian Fresh Waters* 1, 66-70 (1971).

K.W. Jensen, *Low pH Levels Wipe Out Salmon and Trout Populations in Southernmost Norway* 1, 223-225 (1972).

E.B. Ofstad and K. Martinsen, *Persistent Organochlorine Compounds in Seals from Norwegian Coastal Waters* 12, 262-264 (1983).

J.M. Skei, N.B. Price and S.E. Calvert, *Particulate Metals in the Waters of Sørkjord, West Norway* 2, 122-124 (1973).

## PAPUA NEW GUINEA

K. Newcombe and T. Pohai, *The Lae Project: An Ecological Approach to Third World Urbanization* 10, 73-78 (1981).

S. Saulei, *Natural Regeneration Following Clear-Fell Logging Operations in the Gogol Valley, Papua New Guinea* 13, 351-354 (1984).

G. Seddon, *Logging in the Gogol Valley, Papua New Guinea* 13, 345-350 (1984).

A. Viner, *Environmental Protection in Papua New Guinea* 13, 342-344 (1984).

## POLAND

A. Solowski, *Restoring the Bison's Habitat in Białowieża* 12, 197-202 (1983).

## PORTUGAL

L. Kardell, E. Steen and A. Fabiao, *Eucalyptus in Portugal—A Threat or a Promise?* 15, 6-13 (1986).

## PUERTO RICO

A. Lugo and S. Brown, *Ecological Monitoring in the Luquillo Forest Reserve* 10, 102-108 (1981).

## RED SEA

H. Thiel, H. Weikert and L. Karbe, *Risk Assessment for Mining Metalliferous Muds in the Deep Red Sea* 15, 34-41 (1986).

## SADCC

M. R. Bhagavan, *The Energy Sector in SADCC Countries* 14, 214-219 (1985).

## SCOTLAND

M.T. Affolter, *North Sea Oil Developments: Some Related Environmental and Planning Considerations in Scotland* 5, 3-16 (1976).

O.L. Lloyd, R. Barclay and M. M. Lloyd, *Lung Cancer and Other Related Health Problems in a Scottish Industrial Town* 14, 322-328 (1985).

T. Pearson and R. Rosenberg, *A Comparative Study of the Effects on the Marine Environment of Wastes from Cellulose Industries in Scotland and Sweden* 5, 77-79 (1976).

## SEYCHELLES

S. Gendron and L. Kristoferson, *Islands in Search of Energy: Development of Renewables and Other Options on the Seychelles* 12, 338-340 (1983).

L. Kristoferson, *The Seychelles: Finding Energy in Remote Places* 10, 211-212 (1981).

## SOUTHERN AFRICA

J. Hough, *Management Alternatives for Increasing Dry Season Base Flow in the Miombo Woodlands of Southern Africa* 15, 341-346 (1986).

## SOUTH PACIFIC

G. Barnes, *Environment and Resources—Managing the South Pacific's Future* 13, 355-358 (1984).

D. Ballendorf, *American Social, Political and Economic Interests in Micronesia* 13, 294-295 (1984).

J. Branch, *The Waste Bin: Nuclear Waste Dumping and Storage in the Pacific* 13, 327-330 (1984).

J. Brodie and J. Morrison, *The Management and Disposal of Hazardous Wastes in the Pacific Islands* 13, 331-333 (1984).

J. Carew-Read, *The South Pacific Regional Environment Program* 13, 377-377 (1984).

J. Connell, *Islands Under Pressure—Population Growth and Urbanization in the South Pacific* 13, 306-312 (1984).

A. Dahl, *Oceania's Most Pressing Environmental Concerns* 13, 296-301 (1984).

A. Dahl, *Biogeographical Aspects of Isolation in the Pacific* 13, 302-305 (1984).

B. Danielsson, *Under a Cloud of Secrecy: The French Nuclear Tests in the Southeastern Pacific* 13, 336-341 (1984).

A. Heine, *Urbanization and Social Change in the Marshall Islands* 13, 313-315 (1984).

P. Johnston, *Energy Use and Resources in the Pacific* 13, 322-326 (1984).

P. Lal, *Environmental Implications of Coastal Development in Fiji* 13, 316-321 (1984).

G. Mackensen and D. Hinrichsen, *A New South Pacific* 13, 291-293 (1984).

D.L. Mowbray, *Pesticide Control in the South Pacific* 15, 22-29 (1986).

C.S.N. Narokobi, *The Law of the Sea and the South Pacific* 13, 372-376 (1984).

J.C. Pernetta and L. Hill, *Traditional Use and Conservation of Resources in the Pacific Basin* 13, 359-364 (1984).

M. Pule, *Environment Legislation in the Pacific Region* 13, 369-371 (1984).

M.K. Ranjitsinh, *Forest Destruction in Asia and the South Pacific* 13, 192-201 (1979).

S. Saulei, *Natural Regeneration Following Clear-Fell Logging Operations in the Gogol Valley, Papua New Guinea* 13, 351-354 (1984).

G. Seddon, *Logging in the Gogol Valley, Papua New Guinea* 13, 345-350 (1984).

S. Siwatibau, *Traditional Environmental Practices in the South Pacific—A Case Study of Fiji* 13, 365-368 (1984).

B.M. Tsamenyi, *Legal Aspects of Fisheries: The Need for Legal Training Facilities in the South Pacific* 15, 351-353 (1986).

A. Viner, *Environmental Protection in Papua New Guinea* 13, 342-344 (1984).

W. Zucker, *Hazardous Waste Management on Guam: A Case Study* 13, 334-335 (1984).

## SRI LANKA

J. Soussan and P. O'Keefe, *Sri Lanka: Energy, Development and Resource Use* 14, 245-248 (1985).

## SUB-SAHARAN AFRICA

M.H. Glantz and R.W. Katz, *Drought as a Constraint to Development in Sub-Saharan Africa* 14, 334-339 (1985).

## SWEDEN

T. Ahl and E. Jönsson, *Boron in Swedish and Norwegian Fresh Waters* 1, 66-70 (1972).

M. Ahnoff and B. Josefsson, *Polychlorinated Biphenyls (PCB) in Götä River Water* 4, 172-174 (1975).

B. Almer, W. Dickson, C. Ekström, E. Hörmstrom and U. Miller, *Effects of Acidification on Swedish Lakes* 3, 30-36 (1974).

F. Andersson, *The Swedish Coniferous Forest Project* 10, 126-130 (1981).

G. Andersson, G. Cronberg and C. Gelin, *Plankton Changes Following the Restoration of Lake Trummen, Sweden* 2, 44-47 (1973).

L. Beckman, *The Rönnskär Smelter—Occupational and Environmental Effects In and Around a Polluting Industry in Northern Sweden* 7, 226-231 (1978).

B.E. Bengtsson, Å. Bengtsson and M. Himborg, *Fish Deformities and Pollution in Some Swedish Waters* 14, 32-35 (1985).

L. Bergström and A. Gustafson, *Hydrogen Ion Budgets of Four Small Runoff Basins in Sweden* 14, 346-348 (1985).

S. Björk, *Swedish Lake Restoration Program Gets Results* 1, 153-165 (1972).

I. Björklund, H. Borg and K. Johansson, *Mercury in Swedish Lakes—Its Regional Distribution and Causes* 13, 118-121 (1984).

H.H. Eidmann, *Aspects of Biological Control of Forest Insects in Sweden* 8, 23-26 (1976).

L. Emmelin, *Planning Program Approved by Parliament* 2, 26-30 (1973).

S. Engström, *Renewable Energy Resources—Wind Energy From a Swedish Viewpoint* 4, 75-79 (1975).

M.O.G. Eriksson, *Acidification of Lakes: Effects on Waterbirds in Sweden* 13, 260-262 (1984).

M. Falkenmark, *Reduced Water Demand—Result of Sweden's Anti-Pollution Program* 6, 66-70 (1977).

R. Ferm and L. Renberg, *An Industrial Cover-Up: The Case of BT Kemi* 7, 211-217 (1978).

G. Fiskejö, *Allium Test on River Water from Brän and Saxån Before and After Closure of a Chemical Factory* 14, 99-103 (1985).

B. Forsberg and Stefan Nordström, *Miscarriages Around an Herbicide Manufacturing Company in Sweden* 14, 110-111 (1985).

U. Höglström, *Air Pollution in Swedish Communities* 4, 120-125 (1975).

L. Häkanson, *Mercury in Some Swedish Lake Sediments* 3, 37-43 (1974).

A.M. Jansson and J. Zucchetto, *Man, Nature and Energy Flow on the Island of Gotland* 7, 140-149 (1978).

L. Kardell, *Ecological Aspects of the Swedish Search for More Wood* 7, 84-92 (1978).

C.E. Lundholm and L. Anderson, *Biosphere Levels of Cadmium, Zinc and Copper Around an Old Swedish Copper Mine* 14, 167-172 (1985).

L. Lundqvist, *Sweden's Environmental Policy* 1, 90-101 (1972).

K. Norén, *Levels of Organochlorine Contamination in Human Milk from Different Parts of Sweden* 12, 44-46 (1983).

H. Norrström, *Pollution Control in the Swedish Pulp and Paper Industry* 4, 80-86 (1975).

I. Olsson, R. Rosenberg and E. Ölundh, *Benthic Fauna and Zooplankton in Some Polluted Swedish Estuaries* 2, 158-163 (1973).

M. Olsson, *Mercury Level as a Function of Size and Age in Northern Pike, One and Five Years After the Mercury Ban in Sweden* 5, 73-76 (1976).

M. Olsson, *DDT and PCB Pollution Trends in the Swedish Aquatic Environment* 15, 103-109 (1986).

T. Pearson and R. Rosenberg, *A Comparative Study of the Effects on the Marine Environment of Wastes from Cellulose Industries in Scotland and Sweden* 8, 77-79 (1976).

B. Persson, *DDT Content of Whitethroats Lower After Summer Stay in Sweden* 1, 34-35 (1972).

R.L. Petersen, L. Lander and Hans Blanck, *Assessment of the Impact of the Chernobyl Reactor Accident on the Biota of Swedish Streams and Lakes* 15 (1986).

L. Renberg and T. Hellberg, *The pH History of Lakes in Southwestern Sweden as Calculated From the Subfossil Diatom Flora of the Sediments* 11, 30-33 (1982).

O. Rydbeck, *Sweden Urges UN Action on Remote Sensing* 1, 175-175 (1972).

A. Rühling, E. Bäath, A. Nordgren and B. Söderström, *Fungi in Metal-Contaminated Soil Near the Gusum Brass Mill, Sweden* 13, 34-36 (1984).

K.G. St. Clair Renard, *Respiratory Cancer Mortality in an Iron Ore Mine in Northern Sweden* 3, 67-69 (1974).

T. Stenström and M. Vahter, *Cadmium and Lead in Swedish Commercial Fertilizers* 3, 91-91 (1974).

G. Tyler, *The Impact of Heavy Metal Pollution on Forests: A Case Study of Gusum, Sweden* 13, 18-24 (1984).

K. Wallin, *Decrease and Recovery Patterns of Some Raptors in Relation to the Introduction and Ban of Alkyl-Mercury and DDT in Sweden* 13, 263-265 (1984).

T. Westermark, T. Odsjö and A.G. Johnels, *Mercury Content of Bird Feathers Before and After Swedish Ban on Alkyl Mercury in Agriculture* 4, 87-92 (1975).

G. Westöö, *Changes in the Levels of Environmental Pollutants in Some Swedish Foods* 3, 70-83 (1974).

G. Westöö and K. Norén, *Organochlorine Contaminants in Human Milk: Stockholm, 1967-1977* 7, 62-64 (1978).

T. Wiederholm, *Bottom Fauna as an Indicator of Water Quality in Sweden's Large Lakes* 2, 107-110 (1973).

T. Willén, *The Gradual Destruction of Sweden's Lakes* 1, 6-14 (1972).

## TASMANIA

P. Bosworth, *Pressure for Exploitation in South West Tasmania's Wilderness* 11, 268-273 (1982).

## TANZANIA

R.B. Mwalyosi, *Management of the Mtera Reservoir in Tanzania* 15, 30-33 (1986).

M.J. Mwandoza and M.L.P. Luhanga, *Energy Use Patterns in Tanzania* 14, 237-241 (1985).

A. Rapp, *Sod Erosion and Sedimentation in Tanzania and Lesotho* 4, 154-163 (1975).

## THAILAND

S. Suckcharoen, P. Nuorteva and E. Hässinen, *Alarming Signs of Mercury Pollution in a Freshwater Area of Thailand* 7, 113-116 (1978).

## TROPICS

E.F. Brunig, *The Tropical Rain Forest—A Wasted Asset or an Essential Biospheric Resource?* 6, 187-191 (1977).

C. Christiansson and J. Ashuvud, *Heavy Industry in a Rural Tropical Ecosystem* 14, 122-133 (1985).

H. Doni, J.L. Guillaumet and M. Hadley, *The Tai Forest: Land Use Problems in a Tropical Forest* 10, 120-125 (1981).

R. Herrera, C.F. Jordan, E. Medina and H. Klinge, *How Human Activities Disturb the Nutrient Cycles of a Tropical Rain Forest in Amazonia* 10, 109-114 (1981).

K. Kartawinata, S. Adisomarto, S. Riswan and A.P. Vayda, *The Impact of Man on a Tropical Forest in Indonesia* 10, 115-119 (1981).

N. Myers, *The Hamburger Connection: How Central America's Forests Become North America's Hamburgers* 10, 3-8 (1981).

J.D. Nations and K.I. Kromer, *Central America's Tropical Rainforests: Positive Steps for Survival* 12, 232-238 (1983).

E. Salati and P.B. Vose, *Depletion of Tropical Rain Forests* 12, 67-71 (1983).

O. Soermawoto, *Nitrogen in Tropical Agriculture: Indonesia as a Case Study* 6, 162-165 (1977).

I.W.B. Thornton, *Krakatau—The Development and Repair of a Tropical Ecosystem* 13, 216-225 (1984).

## TUNISIA

C. Floret and M.S. Hadjej, *An Attempt to Combat Desertification in Tunisia* 6, 366-368 (1977).

G. Novikoff and M. Skouri, *Balancing Development and Conservation in Pre-Saharan Tunisia* 10, 135-141 (1981).

## UNITED KINGDOM

A. Stewart, G. Kneale and T. Mancuso, *The Hanford Data: A Reply to Recent Criticisms* 9, 66-73 (1980).

## USA

E.B. Bennett, *The Nitrifying of Lake Superior* 15, 272-275 (1986).

F.H. Bormann, *The New England Landscape: Air Pollution Stress and Energy Policy* 11, 188-195 (1982).

F.H. Bormann, *The Effects of Air Pollution on the New England Landscape* 11, 348-357 (1982).

G. Brady and R.D. Cunningham, *The Economics of Pollution in the US* 10, 171-175 (1981).

J.C. Bupp, *The Status of Nuclear Power: A Perspective from the United States* 9, 119-123 (1976).

R.D. Cunningham, *Pros and Cons of the Southern California EIR System* 2, 137-144 (1973).

S. Dragen, *TSCA: The US Attempt to Control Toxic Chemicals in the Environment* 7, 244-249 (1978).

B. Franke and R. Alvarez, *External Gamma Radiation Around the Savannah River Plant* 14, 104-107 (1985).

G. Hendrix and J. Morehead, *Everglades National Park* 12, 153-157 (1983).

C.F. Jenkins, *The Joint Canadian-US Great Lakes Research Project* 7, 98-105 (1978).

J. Radford, *Stripmining Arid Navajo Lands in the US—Threats to Health and Heritage* 11, 9-14 (1982).

A.V. Roschin and L.A. Timofeevskaya, *Chemical Substances in the Work Environment: Some Comparative Aspects of USSR and US Hygiene Standards* 4, 30-33 (1975).

## USSR

G. Halffter, *The Mapimi Biosphere Reserve: Local Participation in Conservation and Development* 10, 93-96 (1981).

R. Grunbaum, *Alternative Energy Sources in the USSR* 7, 49-55 (1978).

B. Grunbaum, *Nuclear Energy in the Soviet Union* 5, 124-126 (1976).

A.V. Roschin and L.A. Timofeevskaya, *Chemical Substances in the Work Environment: Some Comparative Aspects of USSR and US Hygiene Standards* 4, 30-33 (1975).

A. Solowski, *Restoring the Bison's Habitat in Białowieża* 12, 197-202 (1983).

## WEST AFRICA

M. Lamotte, *The Undermining of Mount Nimba* 12, 174-179 (1983).

## YUGOSLAVIA

J. Movcan, *Development and Economics in Plitvice National Park* 11, 282-285 (1982).

## ZIMBABWE

E.K. Balon, *Kariba: The Dubious Benefits of Large Dams* 7, 40-48 (1978).

R.H. Hosier, *Energy Planning in Zimbabwe: An Integrated Approach* 15, 90-96 (1986).

# Subject

## ACIDIFICATION

B. Aimer, W. Dickson, C. Ekström, E. Hörmstrom and U. Miller, *Effects of Acidification on Swedish Lakes* 3, 30-36 (1974).

A. Andersson and K.O. Nilsson, *Influence of Lime and Soil pH on Cd Availability to Plants* 3, 198-200 (1974).

R.J. Beamish, W.L. Lockhart, J.C. Van Loon and H.H. Harvey, *Long-Term Acidification of a Lake and Resulting Effects on Fishes* 4, 98-102 (1975).

M. Bhaskar and S. Govindappa, *Physiological and Metabolic Patterns in Muscle of Fish (Tilapia mossambica) on Acclimation to Altered pH* 14, 349-351 (1985).

C. Brosset, *Air-Borne Acid* 2, 2-9 (1973).

M.J. Chadwick, *Acid Deposition and the Environment* 12, 80-82 (1983).

D.L. Coffin and J.H. Nelson, *Acid Precipitation: Effects of Sulfur Dioxide and Sulfate Aerosol Particles on Human Health* 8, 239-242 (1976).

M.O.G. Eriksson, *Acidification of Lakes: Effects on Waterbirds in Sweden* 13, 260-262 (1984).

M.O.G. Eriksson, L. Henrikson, B.I. Nilsson, G. Nyman, H.G. Oscarson, A.E. Stenson and K. Larsson, *Predator-Prey Relations Important for the Biotic Changes in Acidified Lakes* 9, 248-249 (1980).

C. Forsberg, G. Morling and R.G. Wetzel, *Indications of the Capacity for Rapid Reversibility of Lake Acidification* 14, 164-166 (1985).

O. Grahn, H. Hultberg and L. Landner, *Oligotrophication—A Self-Accelerating Process in Lakes Subjected to Excessive Supply of Acid Substances* 3, 93-94 (1974).

G.R. Hendrey, K. Baalsrud, T.S. Traen, M. Laake and G. Raddum, *Acid Precipitation: Some Hydrobiological Changes* 5, 224-227 (1976).

G. Jacks, E. Olofsson and G. Werme, *An Acid Surge in a Well-Buffered Stream* 15, 282-289 (1986).

K.W. Jensen, *Low pH Levels Wipe Out Salmon and Trout Populations in Southernmost Norway* 1, 223-225 (1972).

N. Johansson, J.E. Kihlstrom and A. Wahlberg, *Low pH Values Shown to Affect Developing Fish Eggs* 2, 42-43 (1973).

V. Kucera, *Effects of Sulfur Dioxide and Acid Precipitation on Metals and Anti-Rust Painted Materials* 5, 243-248 (1976).

N. Malm, *Acid Precipitation: Chemical Changes in the Soil* 5, 231-234 (1976).

G.A. Persson, *Control of Sulfur Dioxide Emissions in Europe* 5, 249-252 (1976).

L. Ramberg, *Increase in Stream pH After a Forest Drainage* 10, 34-35 (1981).

I. Renberg and T. Hellberg, *The pH History of Lakes in Southwestern Sweden as Calculated From the Subfossil Diatom Flora of the Sediments* 11, 30-33 (1982).

C.L. Schofield, *Acid Precipitation: Effects on Fish* 8, 228-230 (1976).

C.O. Tamm, *Acid Precipitation: Biological Effects in Soil and on Forest Vegetation* 5, 235-238 (1976).

T. Wood and F.H. Bormann, *Increases in Foliar Leaching Caused by Acidification of an Artificial Mist* 4, 169-171 (1975).

R.F. Wright and E.T. Gjessing, *Acid Precipitation: Changes in the Chemical Composition of Lakes* 5, 219-223 (1976).

D. Zhao and B. Sun, *Air Pollution and Acid Rain in China* 15, 2-5 (1986).

## AGRICULTURE

D. Bainbridge, *The Rise of Agriculture: A New Perspective* 14, 148-151 (1985).

G.W. Barnard, *The Use of Agricultural Residue as Fuel*, 15, 259-266 (1986).

E.A. Bondietti, *Effects on Agriculture* 11, 138-142 (1982).

M.M. Elgabaly, *Water in Arid Agriculture: Salinity and Waterlogging in the Near East Region* 6, 36-39 (1977).

G. Gissel-Nielsen and M. Gissel-Nielsen, *Ecological Effects of Selenium Application to Field Crops* 2, 114-117 (1973).

F. Gumbi, *Agriculture in the Wider Caribbean* 10, 335-339 (1981).

Y. Gustafsson, *Variations in Rainfall as a Natural Constraint on Agriculture* 6, 34-35 (1977).

T. Ingstad, *Towards Optimum Fertilization* 3, 49 (1974).

B. Kjellström, *Biomass Gasifiers for Energy Supply to Agriculture and Small Industry* 14, 267-274 (1985).

J. Perfect, *The Environmental Impact of DDT in a Tropical Agro-ecosystem* 9, 16-21 (1980).

D. Pimentel, *Water Resources for Food, Fiber and Forest Production* 15, 335-340 (1986).

L. Skärby and G. Sellén, *The Effects of Ozone on Crops and Forests* 13, 68-72 (1984).

O. Soeromawoto, *Nitrogen in Tropical Agriculture: Indonesia as a Case Study* 6, 162-165 (1977).

T. Westermark, T. Odsjö and A.G. Johnels, *Mercury Content of Bird Feathers Before and After Swedish Ban on Alkyl Mercury in Agriculture* 4, 87-92 (1975).

UNEP/FAO, *Food, Agriculture and the Environment in the Mediterranean Basin* 6, 368-370 (1977).

## AMMONIUM

B. Nihlgård, *The Ammonium Hypothesis—An Additional Explanation for the Forest Dieback in Europe* 14, 2-8 (1985).

## ARSENIC

H.W. Fassbender, *Solubility and Fractionation Criteria for Evaluating Arsenic-Phosphorus Relationships in Soils* 4, 134-135 (1975).

A. Rosemarin, M. Notini and K. Holmgren, *The Fate of Arsenic in the Baltic Sea Fucus vesiculosus Ecosystem* 14, 342-345 (1985).

## ATMOSPHERIC POLLUTION

Anonymous, *Sulphur Pollution Across National Boundaries* 1, 15-20 (1972).

E. Almqvist, *An Analysis of Global Air Pollution* 3, 161-167 (1974).

E. Almqvist, *Remote Sensing of Gaseous Air Pollution* 3, 168-176 (1974).

L.A. Barrie, D.M. Whelpdale and R.E. Munn, *Effects of Anthropogenic Emissions on Climate: A Review of Selected Topics* 5, 209-212 (1976).

A. Björkstrom, *Man's Global Redistribution of Carbon* 8, 254-259 (1979).

B. Bolin, *Local Fallout and Long-Distance Transport of Sulfur* 2, 87-90 (1973).

F.H. Bormann, *The New England Landscape: Air Pollution Stress and Energy Policy* 11, 188-195 (1982).

F.H. Bormann, *The Effects of Air Pollution on the New England Landscape* 11, 348-357 (1982).

C. Boutron and R. Delmas, *Historical Record of Global Atmospheric Pollution Revealed in Polar Ice Sheets* 9, 210-215 (1980).

C. Brosset, *Air-Borne Particles: Black and White Episodes* 5, 157-163 (1976).

P.J. Crutzen and D.H. Ehhalt, *Effects of Nitrogen Fertilizers and Combustion on the Stratospheric Ozone Layer* 6, 112-117 (1977).

P.J. Crutzen and J.W. Birks, *The Atmosphere After a Nuclear War: Twilight at Noon* 11, 114-125 (1982).

L. Emmelin, *Sulfurous Pollution: The Air Quality Criteria Approach* 2, 12 (1973).

H. Gydesen, L. Rasmussen, K. Pilegaard, A. Andersson and M.F. Hovmand, *Differences in the*

*Regional Disposition of Cadmium, Copper, Lead and Zinc in Denmark as Reflected in Bulk Precipitation, Epiphytic Cryptogams and Animal Kidneys* 10, 229-230 (1981).

G.P. Hekstra, *Will Climatic Change Flood The Netherlands? Effects on Agriculture, Land Use and Well-Being* 15, 316-326 (1986).

J. Heintzenberg, H.C. Hansson, J.A. Ogren and S.A. Odh, *Concept and Realization of an Air Pollution Monitoring Station in the European Arctic* 14, 152-157 (1985).

N.H. Highton and M.J. Chadwick, *The Effects of Changing Patterns of Energy Use on Sulfur Emissions and Depositions in Europe* 11, 324-328 (1982).

U. Höglström, *Comments on Local Fallout and Long-Distance Transport of Sulfur* 2, 90-91 (1973).

U. Höglström, *Residence Time of Sulfurous Air Pollutants From a Local Source During Precipitation* 2, 37-41 (1973).

U. Höglström, *Air Pollution in Swedish Communities* 4, 120-125 (1975).

W. Knabe, *Effects of Sulfur Dioxide on Terrestrial Vegetation* 5, 213-218 (1976).

H. Landsberg and L. Machta, *Anthropogenic Pollution of the Environment: Where To?* 3, 146-150 (1974).

J.E. Lavelock, *PAN in the Natural Environment: Its Possible Significance in the Epidemiology of Skin Cancer* 6, 131-133 (1977).

G. Lunde, *Long-Range Aerial Transmission of Organic Micropollutants* 5, 207-208 (1976).

L.J. Lundqvist, *Who is Winning the Race for Clean Air? An Evaluation of the Impacts of the US and Swedish Approaches to Air Pollution Control* 8, 144-151 (1979).

J. Låg and J. Steinnes, *Soil Selenium in Relation to Precipitation* 3, 237-238 (1974).

L. Nilsson, *The Air We Breathe* 2, 10-11 (1973).

F. Oldfield, K. Tolonen and R. Thompson, *History of Particulate Atmospheric Pollution from Magnetic Measurements in Dated Finnish Peat Profiles* 10, 185-188 (1981).

P.A. Oluwande, *Automobile Exhaust Problems in Nigeria* 8, 26-29 (1979).

B. Ottar, *International Agreement Needed to Reduce Long-Range Transport of Air Pollutants in Europe* 6, 262-269 (1977).

B. Ottar, *Monitoring Long-Range Transport of Air Pollutants: The OECD Study* 5, 203-206 (1976).

L. Overteene, *Sulphur Pollution Patterns Observed: Leaching of Calcium in Forest Soil Determined* 1, 145-147 (1972).

T. Pacas, *Natural and Anthropogenic Flux of Major Elements from Central Europe* 11, 206-208 (1982).

R.L. Petersen, L. Lander and Hans Blanck, *Assessment of the Impact of the Chernobyl Reactor Accident on the Biota of Swedish Streams and Lakes* 15, 327-331 (1986).

L.E. Reed, *The Long-Range Transport of Air Pollutants* 5, 202-202 (1976).

H. Rodhe, R. Söderlund and J. Ekstedt, *Deposition of Airborne Pollutants on the Baltic* 9, 168-173 (1980).

H. Smets, *Local Action to Combat Transfrontier Pollution* 5, 164-168 (1976).

K.R. Sundström and J.E. Häggren, *Using Lichens as Physiological Indicators of Sulfurous Pollutants* 2, 13-21 (1973).

R. Söderlund, *NO, Pollutants and Ammonia Emissions—A Mass Balance for the Atmosphere over NW Europe* 6, 118-122 (1977).

L. Westman, *Air Pollution Indications and Growth of Spruce and Pine Near a Sulfite Plant* 3, 189-193 (1974).

D. Zhao and B. Sun, *Air Pollution and Acid Rain in China* 15, 2-5 (1986).

## BIRDS

B. Brunström, P.O. Darnerud, I. Brandt and J. Oberg, *Distribution, Metabolism and Toxicity of*

2,2',4,5' Tetrachlorobiphenyl After Injection Into the Yolk of Embryonated Hen Eggs 11, 212-214 (1982).

B. Brunström and J. Öberg, A Method for Studying Embryo Toxicity of Lipophilic Substances Experimentally Introduced into Hen Eggs 11, 209-211 (1982).

K. Danell, Å. Andersson and V. Marcström, Lead Shot Pellets Dispersed by Hunters—Ingested by Ducks 6, 235-237 (1977).

M.O.G. Eriksson, Acidification of Lakes: Effects on Waterbirds in Sweden 13, 260-262 (1984).

S. Forsberg and T. Odsjö, Influence from the Embryonic Development of Hen Eggs on the Calcium Index Measured by an X-ray Back-Scatter Method 13, 40-42 (1984).

S. Forsberg and T. Odsjö, An X-Ray Back-Scatter Method for Field Measurements of the Quality of Bird Eggshells During Incubation 12, 267-270 (1983).

B. Jansson, S. Jensen, M. Olsson, L. Renberg, G. Sundström and R. Vaz, Identification by GC-MS of Phenolic Metabolites of PCB and p,p'-DDE Isolated from Baltic Gull and Seal 4, 93-97 (1975).

D.B. Peakall, D.A. Jeffrey and D.S. Miller, Weight Loss of Herring Gulls Exposed to Oil and Oil Emulsion 14, 108-109 (1985).

A. Södergren and S. Ulfstrand, DDT and PCB Relocate When Caged Robins Use Fat Reserves 1, 36-40 (1972).

S. Ulfstrand and A. Södergren, Organochlorine Residues in East African Birds 1, 150-151 (1972).

T. Westermark, T. Odsjö and A.G. Johnels, Mercury Content of Bird Feathers Before and After Swedish Ban on Alkyl Mercury in Agriculture 4, 87-92 (1975).

## CADMIUM

B.E. Bengtsson, C.H. Carlin, Å. Larsson and O. Svanberg, Vertebral Damage in Minnows (*Phoxinus phoxinus* L.) Exposed to Cadmium 4, 166-168 (1975).

C.G. Elinder and T. Kjellström, Cadmium Concentration in Samples of Human Kidney Cortex from the 19th Century 6, 270-272 (1977).

H. Gydesen, L. Rasmussen, K. Pilegaard, A. Andersson and M.F. Hovmand, Differences in the Regional Disposition of Cadmium, Copper, Lead and Zinc in Denmark as Reflected in Bulk Precipitation, Epiphytic Cryptogams and Animal Kidneys 10, 229-230 (1981).

L. Kardell and J. Larsson, Lead and Cadmium in Oak Tree Rings (*Quercus robur* L.) 7, 117-121 (1978).

C.E. Lundholm and L. Anderson, Biosphere Levels of Cadmium, Zinc and Copper Around an Old Swedish Copper Mine 14, 167-172 (1985).

R. Nilsson, Some Facts About Cadmium 3, 56-56 (1974).

G.F. Nordberg, Health Hazards of Environmental Cadmium Pollution 3, 55-66 (1974).

M. Olsson, J.E. Kihlström, S. Jensen and J. Öberg, Cadmium and Mercury Concentrations in Mink (*Mustela vison*) After Exposure to PCBs 8, 25-25 (1979).

B. Rånby, A.C. Albertsson and S.L. Jansson, Effects on Growing Crops of Plastics Stabilized or Pigmented with Cadmium Compounds, Preliminary Results of Pot Experiments with Spring Wheat 7, 172-174 (1978).

T. Stenström and H. Lönsgård, Cadmium Availability to Wheat: A Study with Radioactive Tracers Under Field Conditions 3, 87-90 (1974).

T. Stenström and M. Vahter, Cadmium and Lead in Swedish Commercial Fertilizers 3, 91-91 (1974).

U. Storesson, Cadmium Enrichment in Shells of *Mytilus edulis* 7, 122-125 (1978).

R.I. Van Hook, W.F. Harris and G.S. Henderson, Cadmium, Lead, and Zinc Distributions and Cycling in a Mixed Deciduous Forest 6, 281-286 (1977).

P. Williamson, Opposite Effects of Age and Weight on Cadmium Concentrations of a Gastropod Mollusc 8, 30-31 (1979).

## CALCIUM

S. Forberg and T. Odsjö, Influence from the Embryonic Development of Hen Eggs on the Calcium Index Measured by an X-ray Back-Scatter Method 13, 40-42 (1984).

## CELLULOSE INDUSTRY

H. Norrström, Pollution Control in the Swedish Pulp and Paper Industry 4, 80-86 (1975).

T. Pearson and R. Rosenberg, A Comparative Study of the Effects on the Marine Environment of Wastes from Cellulose Industries in Scotland and Sweden 5, 77-79 (1976).

L. Westman, Air Pollution Indications and Growth of Spruce and Pine Near a Sulfite Plant 3, 189-193 (1974).

## CHEMICALS

J. Ahlborg, C. Ramel and C.A. Wachtmeister, Organolead Compounds Shown to be Genetically Alive 1, 29-31 (1972).

S. Draggen, TSCA: The US Attempt to Control Toxic Chemicals in the Environment 7, 244-249 (1978).

R. Ferm and L. Renberg, An Industrial Cover-Up: The Case of BT Kemi 7, 211-217 (1978).

G. Fiskesjö, Allium Test on River Water from Braän and Saxän Before and After Closure of a Chemical Factory 14, 99-103 (1985).

P. Garberg and J. Höglberg, The Role of Selenium and Oxygen Interactions in Selenium Metabolism 15, 354-355 (1986).

R.D. Hill, Controlling the Epidemic of Hazardous Chemicals and Wastes 12, 86-90 (1983).

J.W. Huismans, The International Register of Potentially Toxic Chemicals (IRPTC): Its Present State of Development and Future Plans 7, 275-277 (1978).

S. Hussain, L. Ehrenberg, G. Löfroth and T. Geijvall, Mutagenic Effects of TCDD on Bacterial Systems 1, 32-33 (1972).

M. Idman, OECD Activities: Aimed Towards Expanded International Cooperation in the Control of Toxic Chemicals 7, 263-266 (1978).

M. Idman, Anticipating the Effect of Chemicals—An Evolving Concept 5, 175-179 (1976).

S.P. Johnson, Developments in the EEC for Control of New Chemical Substances 7, 267-270 (1978).

G. Lunde, J. Gether and E. Steinnes, Determination of Volatility and Chemical Persistence of Lipid-Soluble Halogenated Organic Substances in Marine Organisms 5, 180-182 (1976).

G.N.J. Port, Information Systems for the Control of Toxic Chemicals in the Environment 7, 271-274 (1978).

A.V. Roschin and L.A. Timofeevskaya, Chemical Substances in the Work Environment: Some Comparative Aspects of USSR and US Hygiene Standards 4, 30-33 (1975).

R. Shaikh and J. Nichols, The International Management of Chemicals 13, 88-91 (1984).

L. Williams and A. Westing, "Yellow Rain" and the New Threat of Chemical Warfare 12, 239-244 (1983).

M. Winell, An International Comparison of Hygienic Standards for Chemicals in the Work Environment 4, 34-36 (1975).

P.A. Zingmark and C. Rappe, On the Formation of N-Nitrosodiethanolamine from a Grinding Fluid Under Simulated Gastric Conditions 5, 80-81 (1976).

P.A. Zingmark and C. Rappe, On the Formation of N-Nitrosodiethanolamine in a Grinding Fluid Concentrate After Storage 6, 237-238 (1977).

## CLIMATE

L.A. Barrie, D.M. Whelpdale and R.E. Munn, Effects of Anthropogenic Emissions on Climate: A Review of Selected Topics 5, 209-212 (1976).

B. Bolin, Modeling the Climate and its Variations 3, 180-188 (1974).

B. Bolin and R.J. Charlson, On the Role of the Tropospheric Sulfur Cycle in the Shortwave Radiative Climate of the Earth 5, 47-54 (1976).

P. Harrison, Population, Climate and Future Food Supply 13, 161-167 (1984).

W. Kellogg, Modeling Future Climate 9, 216-221 (1980).

D. Rind, Global Climate in the 21st Century 13, 148-151 (1984).

T. Schelling, Climatic Change: Implications for Welfare and Policy 13, 200-201 (1984).

S.H. Schneider, The Population Explosion: Can It Shake the Climate? 3, 150-155 (1974).

S.H. Schneider and R.D. Dennett, Climatic Barriers to Long-Term Energy Growth 4, 65-73 (1975).

J. Smagorinsky, Climatic Changes due to CO<sub>2</sub> 12, 83-85 (1983).

S.L. Thompson, V.V. Aleksandrov, G.L. Stenichikov, S.H. Schneider, C. Covey and R.M. Chervin, Global Climatic Consequences of Nuclear War: Simulations with Three Dimensional Models 13, 236-243 (1984).

C.C. Wallen, Monitoring Potential Agents of Climate Change 9, 222-228 (1980).

## CORAL REEFS

R. Salm, Coral Reefs of the Western Indian Ocean: A Threatened Heritage 12, 349-353 (1983).

## COAL

M. Chadwick, N. Highton and J. Palmer, Developing Coal in Developing Countries 15, 249-252 (1986).

## COMPUTERS

S. Sjöberg, F. Wulff and P. Wählström, The Use of Computer Simulations for Systems Ecological Studies in the Baltic 1, 217-222 (1972).

P.D. Raskin, Integrated Energy Planning in Developing Countries: The Role of Computer Systems 14, 210-213 (1985).

## CONSERVATION

G. Baines, Environment and Resources—Managing the South Pacific's Future 13, 355-358 (1984).

P. Bosworth, Pressure for Exploitation in South West Tasmania's Wilderness 11, 268-273 (1982).

F. Di Castri, M. Hadley and J. Damamian, MAB: The Man and the Biosphere Program as an Evolving System 10, 52-58 (1981).

P. Dingwall, New Zealand: Saving Some of Everything 11, 296-301 (1982).

H. Eidsvik, Under Joint Responsibility: The Kluane-Wrangell-St. Elias World Heritage Site 12, 191-196 (1983).

D. Glick, The Rio Platano Biosphere Reserve: Unique Resource, Unique Alternative 12, 168-173 (1983).

G. Halffter, The Mapimi Biosphere Reserve: Local Participation in Conservation and Development 10, 93-96 (1981).

J. Harrison, K. Miller and J.A. McNeely, The World Coverage of Protected Areas: Development Goals and Environmental Needs 11, 238-245 (1982).

D. Hinrichsen, P.H.C. Lucas, B. Coburn and B.N. Upadhyay, Saving Sagarmatha 12, 203-205 (1983).

R.E. Johannes, Traditional Conservation Methods and Protected Marine Areas in Oceania 11, 258-261 (1982).

A. Kadry, Salvaging Egypt's Nubian Monuments 12, 206-209 (1983).

G. Kelleher and R. Kenchington, Australia's Great Barrier Reef Marine Park: Making Development Compatible with Conservation 11, 262-267 (1982).

G. Kidane and E.D. Hecht, Ethiopia's Rockhewn Churches of Lalibela 12, 210-212 (1983).

P. Kramer, *The Galapagos: Islands Under Siege* 12, 186-190 (1983).

J. Kundaeli, *Making Conservation and Development Compatible* 12, 326-331 (1983).

M. Lamotte, *The Undermining of Mount Nimba* 12, 174-179 (1983).

P.H.C. Lucas, International Agreement on Conserving the Antarctic Environment 11, 292-295 (1982).

W.J. Lusigi, *New Approaches to Wildlife Conservation in Kenya* 10, 87-92 (1981).

A. Mascarenhas, *Ngorongoro: A Challenge to Conservation and Development* 12, 146-152 (1983).

J.A. McNeely, *Protected Areas Have Come of Age* 11, 236-237 (1982).

K. Miller, *Parks and Protected Areas: Considerations for the Future* 11, 315-317 (1982).

H.R. Mishra, *Balancing Human Needs and Conservation in Nepal's Royal Chitwan Park* 11, 246-251 (1982).

C. Mondor and S. Kun, *The Long Struggle to Protect Canada's Vanishing Prairie* 11, 286-291 (1982).

N. Myers and D. Myers, *From the "Duck Pond" to the Global Commons: Increasing Awareness of the Supranational Nature of Emerging Environmental Issues* 11, 195-201 (1982).

S.G. Nilsson, *Fragmented Habitats, Species Richness and Conservation Practice* 7, 26-27 (1978).

G. Novikoff and M. Skouri, *Balancing Development and Conservation in Pre-Saharan Tunisia* 10, 135-141 (1981).

H.S. Panwar, *What to Do When You've Succeeded: Project Tiger Ten Years Later* 11, 329-347 (1982).

J.C. Pernetta and L. Hill, *Traditional Use and Conservation of Resources in the Pacific Basin* 13, 359-364 (1984).

F. Shimozono and K. Iwatsuki, *Botanical Gardens and the Conservation of an Endangered Species in the Bonin Islands* 15, 19-21 (1986).

R. Slattery, *The Origin and Evolution of the World Heritage Convention* 12, 138-139 (1983).

V. Sokolov, *The Biosphere Reserve Concept in the USSR* 10, 97-101 (1981).

A. Solowski, *Restoring the Bison's Habitat in Białowieża* 12, 197-202 (1983).

D.R. Stoddart, *Aldabra: Island of Giant Tortoises* 12, 180-185 (1983).

L.G. Teixeira, *Ouro Preto: Brazil's Monument Town* 12, 213-215 (1983).

D. Western, *Amboseli National Park: Enlisting Landowners to Conserve Migratory Wildlife* 11, 302-308 (1982).

## COPPER

H. Gydesen, L. Rasmussen, K. Pilegaard, A. Andersson and M.F. Hovmand, *Differences in the Regional Disposition of Cadmium, Copper, Lead and Zinc in Denmark as Reflected in Bulk Precipitation, Epiphytic Cryptogams and Animal Kidneys* 10, 229-230 (1981).

C.E. Lundholm and L. Anderson, *Biosphere Levels of Cadmium, Zinc and Copper Around an Old Swedish Copper Mine* 14, 167-172 (1985).

## DEFORESTATION

P.M. Fearnside, *Spatial Concentration of Deforestation in the Brazilian Amazon* 15, 74-81 (1986).

L.A. Lewis and W.J. Coffey, *The Continuing Deforestation of Haiti* 14, 158-160 (1985).

N. Myers, *The Hamburger Connection: How Central America's Forests Become North America's Hamburgers* 10, 3-8 (1981).

V. Smil, *Deforestation in China* 12, 226-231 (1983).

## DEGRADATION

M.A. Kishk, *Land Degradation in the Nile Valley* 15, 226-230 (1986).

R. Tomaselli, *The Degradation of the Mediterranean Maquis* 6, 356-362 (1977).

## DESERTIFICATION

E.P. Eckholm, *Desertification: A World Problem* 4, 137-145 (1975).

C. Floret and M.S. Hadjej, *An Attempt to Combat Desertification in Tunisia* 6, 366-368 (1977).

H. Lamprey and H. Yussef, *Pastoralism and Desert Encroachments in Northern Kenya* 10, 131-134 (1981).

H.N. Le Houérou, *Man and Desertization in the Mediterranean Region* 6, 363-365 (1977).

G. Novikoff, *Desertification by Overgrazing* 12, 102-105 (1983).

## DEVELOPMENT

R.E. Anderson, *The Technologically Sophisticated Village: The Environmental Case for Scenario II* 8, 62-70 (1979).

J.V. Beekhuis, *Tourism in the Caribbean: Impacts on the Economic, Social and Natural Environments* 10, 325-331 (1981).

H.C. Brookfield, *Man, Environment and Development in the Outer Islands of Fiji* 10, 59-67 (1981).

R. Chambers, *The "Gandhian Village": The Environmental Case for Scenario I* 8, 54-57 (1979).

R. Chambers, R.E. Anderson, M.C. Chaturvedi and M.J. Royston, *The Environmental Case Against Scenario V* 8, 100-101 (1979).

R. Chambers, R.E. Anderson, M.C. Chaturvedi, M.J. Royston and V. Smil, *The Environmental Case Against Scenario IV* 8, 58-59 (1979).

R. Chambers, R.E. Anderson, M.C. Chaturvedi and V. Smil, *The Environmental Case Against Scenario III* 8, 80-81 (1979).

R. Chambers, M.C. Chaturvedi, M.J. Royston and V. Smil, *The Environmental Case Against Scenario II* 8, 70-71 (1979).

M.C. Charturvedi, *"Second-Best" Technology as First Choice: The Environmental Case for Scenario III* 8, 74-79 (1979).

M.H. Glantz and R.W. Katz, *Drought as a Constraint to Development in Sub-Saharan Africa* 14, 334-339 (1985).

G. Halifter, *The Mapimi Biosphere Reserve: Local Participation in Conservation and Development* 10, 93-96 (1981).

B. Johnson, *Aid for Third World Environments: Development Aid Agencies Weak on Environmental Perspective* 9, 236-240 (1980).

J. Kundaeli, *Making Conservation and Development Compatible* 12, 326-331 (1983).

M. Linear, *Gift of Poison-The Unacceptable Face of Development Aid* 11, 2-8 (1982).

A. Mascarenhas, *Ngorongoro: A Challenge to Conservation and Development* 12, 146-152 (1983).

W. Moser and J. Peterson, *Limits to Obergurgl's Growth* 10, 68-72 (1981).

B. Munslow, P. O'Keefe, D. Pankhurst and P. Philips, *Energy and Development on the African East Coast: Somalia, Kenya, Tanzania and Mozambique* 12, 332-337 (1983).

K. Newcombe and T. Pohai, *The Lae Project: An Ecological Approach to Third World Urbanization* 10, 73-78 (1981).

G. Novikoff and M. Skouri, *Balancing Development and Conservation in Pre-Saharan Tunisia* 10, 135-141 (1981).

M.G. Royston, *Control by Multinational Corporations: The Case for Scenario IV* 8, 84-89 (1979).

D. Shakow, D. Weiner and P. O'Keefe, *Energy and Development: The Case of Kenya* 10, 206-210 (1981).

V. Smil, *A Technological Future for China: The Environmental Case for Scenario V* 8, 94-99 (1979).

M. Strong, *Towards a New Kind of Economic Growth* 12, 64-66 (1983).

U.E. Svedin, *Technology, Development and Environmental Impact: An Introduction to the Scenarios* 8, 48-51 (1979).

U.E. Svedin, *Scenario I* 8, 42-53 (1979).

U.E. Svedin, *Scenario II* 8, 60-61 (1979).

U.E. Svedin, *Scenario III* 8, 72-73 (1979).

U.E. Svedin, *Scenario IV* 8, 82-83 (1979).

U.E. Svedin, *Scenario V* 8, 92-93 (1979).

M. Tangi, *Tourism and the Environment* 6, 336-341 (1977).

I. Walter and J.L. Uglow, *Environmental Policies in Developing Countries* 8, 102-109 (1979).

C.G. Widstrand, *The Rationale of the Nomad Economy* 4, 146-153 (1975).

## DDT

S.A. Bengtson and A. Södergren, *DDT and PCB Residues in Airborne Fallout and Animals in Iceland* 3, 84-86 (1974).

M. Edgran, M. Olsson and L. Renberg, *Preliminary Results on Uptake and Elimination at Different Temperatures of p,p'-DDT and Two Chlorobiphenyls in Perch from Brackish Water* 8, 270-272 (1979).

H.H. Eidman, O. Bergman, B. Henningsson and C. Möller, *DDT and Lindane Residues on Treated Conifer Seedlings and in Soil* 8, 214-217 (1979).

C. Haux and J. Larsson, *Effects of DDT on Blood Plasma Electrolytes in the Flounder, Platichthys flesus L., in Hypotonic Brackish Water* 8, 171-173 (1979).

E. Helle, M. Olsson and S. Jensen, *DDT and PCB Levels and Reproduction in Ringed Seal from the Bothnian Bay* 5, 188-189 (1976).

S. Jensen, J.E. Kihlström, M. Olsson, C. Lundberg and J. Örberg, *Effects of PCB and DDT on Mink (Mustela vison) During the Reproductive Season* 6, 239-239 (1977).

J.E. Kihlstrom, J. Örberg, C. Lundberg and P.O. Danielsson, *Post-natal Growth in Mice Sucking Milk Containing PCB or DDT* 3, 231-233 (1974).

M. Olsson, *DDT and PCB Pollution Trends in the Swedish Aquatic Environment* 15, 103-109 (1986).

J. Perfect, *The Environmental Impact of DDT in a Tropical Agro-ecosystem* 9, 16-21 (1980).

B. Perrson, *DDT Content of Whitethroats Lowers After Summer Stay in Sweden* 1, 34-35 (1972).

A. Södergren and S. Ulfstrand, *DDT and PCB Relocate When Caged Robins Use Fat Reserves* 1, 36-40 (1972).

K. Wallin, *Decrease and Recovery Patterns of Some Raptors in Relation to the Introduction and Ban of Alkyl-Mercury and DDT in Sweden* 13, 263-265 (1984).

J. Örberg, N. Johansson, D.E. Kihlström and C. Lundberg, *Administration of DDT and PCB Prolongs Oestrous Cycle in Mice* 1, 148-149 (1972).

## DROUGHT

M.H. Glantz and R.W. Katz, *Drought as a Constraint to Development in Sub-Saharan Africa* 14, 334-339 (1985).

M. Khublarian, *The Impact of Droughts and Floods on the Environment* 12, 78-79 (1983).

## EDUCATION

L. Emmelin, *Environmental Education at University Level* 6, 201-209 (1977).

M. McCloskey, *Educational Campaigns for Marine Mammals* 15, 164-167 (1986).

## EEC

S.P. Johnson, *Developments in the EEC for Control of New Chemical Substances* 7, 267-270 (1978).

## EMPLOYMENT

P. O'Keefe, B. Munslow and D. Weiner, *Fewer Jobs—More Work? Structural Changes and Employment in the Late Twentieth Century* 13, 189-190 (1984).

## ENERGY

H.K. Abdel-Aal, *The Oil Industry: People, Products, and Progress* 2, 196-202 (1973).

D. Abrahamson, *Energy Technology: Status and Needs* 2, 186-195 (1973).

S. Baldwin, H. Geller, G. Dutt and N.H. Ravindranath, *Improved Woodburning Cookstoves: Signs of Success* 14, 280-287 (1985).

G.W. Barnard, *The Use of Agricultural Residue as Fuel*, 14, 259-266 (1985).

M.R. Bhagavan, *The Energy Sector in SADC Countries* 14, 214-219 (1985).

S. Bjork and W. Graneli, *Energy Needs and the Environment* 7, 150-156 (1978).

J.O.M. Bockris, *The Case for Electric and Fuel-Cell Powered Vehicles* 3, 15-23 (1974).

G. Borgstrom, *Food, Feed and Energy* 2, 214-219 (1973).

E.H. Bormann, *The New England Landscape: Air Pollution Stress and Energy Policy* 11, 188-195 (1982).

P.N. Bradley, N. Chavangi and A. Van Gelder, *Development Research and Energy Planning in Kenya* 14, 228-236 (1985).

M. Chadwick, N. Highton and J. Palmer, *Developing Coal in Developing Countries* 15, 249-252 (1986).

S. Dasappa, V. Reddy, H.S. Mukunda and U. Shrinivasa, *Experience With Gasifiers for 3.7-kW Engines* 14, 275-279 (1985).

E.J. DaSilva, *Biogas: Fuel of the Future* 9, 2-9 (1980).

C.E. Delwiche, *Relations in the Global Nitrogen Cycle* 6, 106-111 (1977).

S. Engström, *Renewable Energy Resources—Wind Energy From a Swedish Viewpoint* 4, 75-79 (1975).

G. Foley, *Wood Fuel and Conventional Fuel Demands in the Developing World* 14, 253-258 (1985).

G. Foley, *The Future of Renewable Energy in Developing Countries* 10, 200-205 (1981).

S. Gendron and L. Kristoferson, *Islands in Search of Energy: Development of Renewables and Other Options on the Seychelles* 12, 338-340 (1983).

N.T. Gilroy, *More Than Just Pipes in the Ground* 12, 245-251 (1983).

J. Goldemberg, T.B. Johansson, A.K.N. Reddy and R.H. Williams, *Basic Needs and Much More, With One Kilowatt Per Capita* 14, 190-200 (1985).

J. Goldemberg, J.R. Moreira, P.U.M. dos Santos and G.E. Serra, *Ethanol Fuel: A Use of Biomass Energy in Brazil* 14, 293-297 (1985).

G.T. Goodman, *Societal Problems in Meeting Current and Future Energy Needs* 12, 97-101 (1983).

G.T. Goodman, *Energy and Development: Where Do We Go From Here?* 14, 186-189 (1985).

R. Grunbaum, *Alternative Energy Sources in the USSR* 7, 49-55 (1978).

N.H. Highton and M.J. Chadwick, *The Effects of Changing Patterns of Energy Use on Sulfur Emissions and Depositions in Europe* 11, 324-328 (1982).

R.H. Hosier, *Energy Planning in Zimbabwe: An Integrated Approach* 15, 90-96 (1986).

R.H. Hosier, *Household Energy Consumption in Rural Kenya* 14, 225-227 (1985).

R.H. Hosier, P. O'Keefe, B. Wisner, D. Weiner and D. Shakow, *Energy Planning in Developing Countries: Blunt Ax in a Forest of Problems?* 11, 180-189 (1982).

A.M. Jansson and J. Zucchetto, *Man, Nature and Energy Flow on the Island of Gotland* 7, 140-149 (1978).

P. Johnston, *Energy Use and Resources in the Pacific* 13, 322-326 (1984).

M.A. Kettani, *Helio-technique and Development* 5, 190-192 (1976).

B. Kjellström, *Biomass Gasifiers for Energy Supply to Agriculture and Small Industry* 14, 267-274 (1985).

L. Kristoferson, *Energy in Society* 2, 178-185 (1973).

L. Kristoferson, *The Seychelles: Finding Energy in Remote Places* 10, 211-212 (1981).

L. Kristoferson, P. O'Keefe and J. Soussan, *Energy in Small Island Economies* 14, 242-244 (1985).

G. Leach, *Energy Future—Wide Open to Change and Choice* 5, 108-116 (1976).

O. Lindström, *The Technology of Peat* 9, 309-313 (1980).

A. Lovins, *Energy: Some Constraints and Opportunities* 3, 123-125 (1974).

R.N. Morse, *Solar Energy in Australia* 6, 209-215 (1977).

T.K. Moulik, *The Biogas Program in India and China* 14, 288-292 (1985).

A. Moumouni, *Energy Needs and Problems in the Sahelian and Sudanese Zones in Africa: Prospects of Solar Power* 2, 203-213 (1973).

B. Munslow, P. O'Keefe, D. Pankhurst and P. Philips, *Energy and Development on the African East Coast: Somalia, Kenya, Tanzania and Mozambique* 12, 332-337 (1983).

M.J. Mwandosya and M.L.P. Luhanga, *Energy Use Patterns in Tanzania* 14, 237-241 (1985).

S. Nilsson, *Energy Analysis—A More Sensitive Instrument for Determining Costs of Goods and Services* 3, 222-224 (1974).

S. Nilsson and L. Kristoferson, *Energy Analysis and Economics* 5, 27-29 (1976).

H.T. Odum, *Energy, Ecology and Economics* 2, 220-227 (1973).

P. O'Keefe, *Fuel for the People: Fuelwood in the Third World* 12, 115-117 (1983).

P. O'Keefe and P. Raskin, *Fuelwood in Kenya: Crisis and Opportunity* 14, 220-224 (1985).

P. O'Keefe and D. Shakow, *Kenya's Ethanol Program: Is it Viable?* 10, 171-175 (1981).

P.D. Raskin, *Integrated Energy Planning in Developing Countries: The Role of Computer Systems* 14, 210-213 (1985).

B. Rodesjö, *Desulfurization of Fuel Gases from Oil-Firing* 3, 24-29 (1974).

D.J. Rose and G. Tenaglia, *Disposing of Nuclear Wastes in Western Europe—A National or International Responsibility?* 2, 233-240 (1973).

S.H. Schneider and R.D. Dennett, *Climatic Barriers to Long-Term Energy Growth* 4, 65-73 (1975).

E.F. Schumacher, *Western Europe's Energy Crisis—A Problem of Life-Styles* 2, 228-232 (1973).

D. Shakow, D. Weiner and P. O'Keefe, *Energy and Development: The Case of Kenya* 10, 206-210 (1981).

H. Sjörs, *Peat on Earth: Multiple Use or Conservation?* 9, 303-308 (1980).

J. Soussan and P. O'Keefe, *Sri Lanka: Energy, Development and Resource Use* 14, 245-248 (1985).

A.M. Squires, *Coal: A Past and Future King* 3, 1-14 (1974).

P.J. Svenssonsson, *Cotton Stalks as an Energy Source for Nicaragua* 14, 298-303 (1985).

E.A. Van Buren, *Biogas Beyond China: First International Training Program for Developing Countries* 9, 10-15 (1980).

R.H. Williams, *Potential Roles for Bioenergy in an Energy-Efficient World* 14, 201-209 (1985).

T. Ingstad, *Towards Optimum Fertilization* 3, 49-54 (1974).

B. Johnson, *International Environmental Conventions* 5, 55-65 (1976).

L. Lundqvist, *Sweden's Environmental Policy* 1, 90-101 (1972).

N. Myers and D. Myers, *How the Global Community Can Respond to International Environmental Problems* 12, 20-26 (1983).

H. Norrström, *Pollution Control in the Swedish Pulp and Paper Industry* 4, 80-86 (1975).

G.A. Persson, *Control of Sulfur Dioxide Emissions in Europe* 5, 249-252 (1976).

A. Viner, *Environmental Protection in Papua New Guinea* 13, 342-344 (1984).

## ENVIRONMENTAL WARFARE

F. Barnaby, *The Spread of the Capability to Do Violence—An Introduction to Environmental Warfare* 4, 178-185 (1975).

J. Goldblat, *The Environmental Warfare Convention: How Meaningful Is It?* 6, 216-221 (1977).

J. Goldblat, *The Prohibition of Environmental Warfare* 4, 186-190 (1975).

B. Holmberg, *Biological Aspects of Chemical and Biological Weapons* 4, 211-215 (1975).

R. Huiskens, *The Consumption of Raw Materials for Military Purposes* 4, 229-233 (1975).

B. Jasani, *Environmental Modifications—New Weapons of War* 4, 191-198 (1975).

M. Lumsden, "Conventional" War and Human Ecology 4, 223-228 (1975).

A. Westing, *Environmental Consequences of the Second Indochina War: A Case Study* 4, 216-222 (1975).

## EROSION

P. Randrianarivo, *The Erosion of Madagascar* 12, 308-311 (1983).

A. Rapp, *Soil Erosion and Sedimentation in Tanzania and Lesotho* 4, 154-163 (1975).

Å. Sundborg and A. Rapp, *Erosion and Sedimentation by Water: Problems and Prospects* 15, 215-225 (1986).

## EUCALYPTUS

L. Kardell, E. Steen and A. Fabiao, *Eucalyptus in Portugal—A Threat or a Promise?* 15, 6-13 (1986).

## EUTROPHICATION

U. Larsson, R. Elmgren and F. Wulff, *Eutrophication and the Baltic Sea: Causes and Consequences* 14, 9-14 (1985).

U. Rönner, *Nitrogen Transformations within the Baltic Proper: Denitrification Counteracts Eutrophication* 14, 134-138 (1985).

## FAUNA (bottom)

L. Bengtsson and H. Berggren, *The Bottom Fauna in an Oil-Contaminated Lake* 1, 141-144 (1972).

A. Johnels, G. Tyler and T. Westermark, *A History of Mercury Levels in Fauna* 8, 160-168 (1979).

I. Olsson, R. Rosenberg and E. Olundh, *Benthic Fauna and Zooplankton in Some Polluted Swedish Estuaries* 2, 158-163 (1973).

H.V. Westerhagen and V. Dethlefsen, *North Sea Oxygen Deficiency in 1982 and Its Effects on the Bottom Fauna* 12, 264-266 (1983).

T. Wiederholm, *Bottom Fauna as an Indicator of Water Quality in Sweden's Large Lakes* 2, 107-110 (1973).

## FAUNA (terrestrial)

S.R. Aiken and C.H. Leigh, *On the Declining Fauna of Peninsular Malaysia in the Post-Colonial Period* 14, 15-22 (1985).

A. Johnels, G. Tyler and T. Westermark, *A History of Mercury Levels in Fauna* 8, 160-168 (1979).

L.W.B. Thornton, *Krakatau-The Development and Repair of a Tropical Ecosystem* 13, 216-225 (1984).

### FISH

H. Ackefors, *Production of Fish and Other Animals in the Sea* 6, 192-200 (1977).

J.D. Ardill, *Fisheries in the Southwest Indian Ocean* 12, 341-344 (1983).

R.J. Beamish, W.L. Lockhart, J.C. Van Loon and H.H. Harvey, *Long-Term Acidification of a Lake and Resulting Effects on Fishes* 4, 98-102 (1975).

B.E. Bengtsson, C.H. Carlin, Å. Larsson and O. Svanberg, *Vertebral Damage in Minnows (Phoxinus phoxinus L.) Exposed to Cadmium* 4, 166-168 (1975).

B.E. Bengtsson, *Increased Growth in Minnows Exposed to PCBs* 8, 169-170 (1979).

B.E. Bengtsson, Å. Bengtsson and M. Himburg, *Fish Deformities and Pollution in Some Swedish Waters* 14, 32-35 (1985).

M. Bhaskar and S. Govindappa, *Physiological and Metabolic Patterns in Muscle of Fish (Tilapia mossambica) on Acclimation to Altered pH* 14, 349-351 (1985).

D. Chabonniere, *Prospects for Fisheries in the Mediterranean* 6, 374-376 (1977).

M. Edgran, M. Olsson and L. Renberg, *Preliminary Results on Uptake and Elimination at Different Temperatures of p,p'-DDT and Two Chlorobiphenyls in Perch from Brackish Water* 8, 270-272 (1979).

J.R. Ferreira, H. Bergman Filho, J.F. Krug, N.A. Menezes, P.E. Hansen and S. Storgaard Jørgenson, *Mercury in Water and Fish from the São Vicente Estuary near Santos, Brazil* 8, 210-213 (1979).

S.D. Gerking, *Freshwater Fish-A Global Food Potential* 6, 39-43 (1977).

U. Grimås, A. Göthberg, M. Notter, M. Olsson and L. Reutergårdh, *Fat Amount-A Factor to Consider in Monitoring Studies of Heavy Metals in Cod Liver* 14, 175-178 (1985).

A. Göthberg, *Intensive Fishing-A Way to Reduce the Mercury Level in Fish* 12, 259-261 (1983).

C. Haas and Å. Larsson, *Effects of DDT on Blood Plasma Electrolytes in the Flounder (Platichthys flesus L.) in Hypotonic Brackish Water* 8, 171-173 (1979).

J. Hough, *Management Alternatives for Increasing Dry Season Base Flow in the Miombo Woodlands of Southern Africa* 15, 341-346 (1986).

K.W. Jensen, *Low pH Levels Wipe Out Salmon and Trout Populations in Southernmost Norway* 1, 223-225 (1972).

N. Johansson, J.E. Kihlström and A. Wahlberg, *Low pH Values Shown to Affect Developing Fish Eggs* 2, 42-43 (1973).

K.J. Lehtinen, *Effects on Fish Exposed to Effluent from a Titanium Dioxide Industry and Tested with Rotary-Flow Technique* 9, 31-33 (1980).

O. Lindén, *Acute Effects of Oil and Oil/Dispersant Mixture on Larvae of Baltic Herring* 4, 130-133 (1975).

O. Lindén, *The Influence of Crude Oil and Mixtures of Crude Oil/Dispersants on the Ontogenetic Development of the Baltic Herring (Clupea harengus membras)* 5, 136-140 (1976).

M. Olsson, *Mercury Level as a Function of Size and Age in Northern Pike, One and Five Years After the Mercury Ban in Sweden* 9, 73-76 (1976).

M. Olsson, S. Jensen and L. Reutergårdh, *Seasonal Variation of PCB Levels in Fish-An Important Factor in Planning Aquatic Monitoring Programs* 7, 66-69 (1978).

D.B. Peakall, D. Hallett, D.S. Miller, R.G. Butler and W.B. Kinter, *Effects of Ingested Crude Oil on Black Guillemons: A Combined Field and Laboratory Study* 9, 28-30 (1980).

L. Renberg, E. Marell, G. Sundström and M. Adolfsson-Erici, *Levels of Chlorophenols in Natural Waters and Fish After an Accidental Discharge of a Wood-Impregnating Solution* 12, 121-123 (1983).

C.L. Schofield, *Acid Precipitation: Effects on Fish* 5, 228-230 (1976).

O. Svanberg, B.E. Bengtsson, E. Lindén, G. Lunde and E. Baumann Øststad, *Chlorinated Paraffins-A Case of Accumulation and Toxicity to Fish* 7, 64-65 (1978).

F. Thurow, *The State of Fish Stocks in the Baltic* 9, 153-157 (1980).

G. Westöö and K. Norén, *Polychlorinated 2-Aminodiphenyl Ethers in Fish* 6, 232-234 (1977).

T. Yoshida, F. Takashima and T. Watanabe, *Distribution of (<sup>14</sup>C)PCBs in Carp* 2, 111-113 (1973).

### FORESTS

F. Anderson, *The Swedish Coniferous Forest Project* 10, 126-130 (1981).

W. Arnborg, B. Lekander and L. Wastenson, *Use of Aerial Photographs for Early Detection of Bark Beetle Infestations of Spruce 2*, 77-83 (1973).

M. Ashmore, N. Bell and Jack Rutter, *The Role of Ozone in Forest Damage in West Germany* 14, 81-87 (1985).

G. Bengtsson and S. Rundgren, *Ground-Living Invertebrates in Metal-Polluted Forest Soils* 13, 29-33 (1984).

E.F. Brunig, *The Tropical Rain Forest-A Wasted Asset or an Essential Biospheric Resource?* 6, 187-191 (1977).

H. Dossi, J.L. Guillaumet and M. Hadley, *The Tai Forest: Land Use Problems in a Tropical Forest* 10, 120-125 (1981).

H.H. Eidmann, *Aspects of Biological Control of Forest Insects in Sweden* 9, 23-26 (1976).

H.H. Eidmann, Ö. Bergman, B. Henningsson and C. Möller, *DDT and Lindane Residues on Treated Conifer Seedlings and in Soil* 8, 214-217 (1979).

L. Folkesson, *Deterioration of the Moss and Lichen Vegetations in a Forest Polluted by Heavy Metals* 13, 37-39 (1984).

D. Hinrichsen, *Multiple Pollutants and Forest Decline* 15, 258-265 (1986).

L. Kardell, *Recreation Forests-A New Silviculture Concept* 14, 139-147 (1985).

L. Kardell, *Forest Berries and Mushrooms-An Endangered Resource?* 9, 241-247 (1980).

L. Kardell, *Ecological Aspects of the Swedish Search for More Wood* 7, 84-92 (1978).

L. Kardell and J. Larsson, *Lead and Cadmium in Oak Tree Rings (Quercus robur L.)* 7, 117-121 (1978).

L. Kardell, E. Steen and A. Fabiao, *Eucalyptus in Portugal* 15, 6-13 (1986).

K. Kartawinata, S. Adisoemarto, S. Riswan and A.P. Vayda, *The Impact of Man on a Tropical Forest in Indonesia* 10, 115-119 (1981).

A. Lugo and S. Brown, *Ecological Monitoring in the Luquillo Forest Reserve* 10, 102-108 (1981).

A. Lugo, R. Schmidt and S. Brown, *Tropical Forests in the Caribbean* 10, 318-324 (1981).

J.P. Malingreau, G. Stephens and L. Fellows, *Remote Sensing of Forest Fires: Kalimantan and North Borneo in 1982-83* 14, 314-321 (1985).

J.D. Nations and K.I. Kromer, *Central America's Tropical Rainforests: Positive Steps for Survival* 12, 232-238 (1983).

B. Nihlgård, *The Ammonium Hypothesis-An Additional Explanation for the Forest Dieback in Europe* 14, 2-8 (1985).

S. Nilsson, *Rationalization of Forest Operations Gives Rise to Insect Attack and Increment Losses* 5, 17-22 (1976).

L. Overeem, *Sulphur Pollution Patterns Observed: Leaching of Calcium in Forest Soil Determined* 1, 145-147 (1972).

L. Ramberg, *Increase in Stream pH after a Forest Drainage* 10, 34-35 (1981).

M.K. Ranjitsinh, *Forest Destruction in Asia and the South Pacific* 8, 192-201 (1979).

E. Salati and P.B. Vose, *Depletion of Tropical Rain Forests* 12, 67-71 (1983).

C. Sargent, *The Forests of Bhutan* 14, 75-80 (1985).

S. Sauli, *Natural Regeneration Following Clear-Fell Logging Operations in the Gogol Valley, Papua New Guinea* 13, 351-354 (1984).

G. Seddon, *Logging in the Gogol Valley, Papua New Guinea* 13, 345-350 (1984).

V. Shiva, J. Bandyopadhyay and N.D. Jayal, *Afforestation in India: Problems and Strategies* 14, 329-33 (1985).

J.S. Singh, U. Pandey and A.K. Tiwari, *Man and Forests: A Central Himalayan Case Study* 13, 80-87 (1984).

L. Skärby and G. Sellén, *The Effects of Ozone on Crops and Forests* 13, 68-72 (1984).

C.O. Tamm, *Acid Precipitation: Biological Effects in Soil and on Forest Vegetation* 5, 235-238 (1976).

C.O. Tamm, H. Holmen, B. Popovic and G. Wiklander, *Leaching of Plant Nutrients from Forest Soils as a Consequence of Forestry Operations* 3, 211-221 (1974).

R.I. Van Hook, W.F. Harris and G.S. Henderson, *Cadmium, Lead, and Zinc Distributions and Cycling in a Mixed Deciduous Forest* 6, 281-286 (1977).

L. Westman, *Air Pollution Indications and Growth of Spruce and Pine Near a Sulfite Plant* 3, 189-193 (1974).

### FRESH WATERS

H. Ackefors and C.G. Rosén, *Farming Aquatic Animals-The Emergence of a Worldwide Industry With Profound Ecological Consequences* 8, 132-143 (1979).

T. Ahl and E. Jönsson, *Boron in Swedish and Norwegian Fresh Waters* 1, 66-70 (1972).

M. Ahnoff and B. Josefsson, *Polychlorinated Biphenyls (PCB) in Göta River Water* 4, 172-174 (1975).

B. Almer, W. Dickson, C. Ekström, E. Hörnström and U. Miller, *Effects of Acidification on Swedish Lakes* 3, 30-36 (1974).

R.P. Ambroggi, *Freshwater Resources of the Mediterranean Basin* 6, 371-373 (1977).

G. Andersson, G. Cronberg and C. Gelin, *Planktonic Changes Following the Restoration of Lake Trummen, Sweden 2*, 44-47 (1973).

E. Arrhenius, *Health Effects of Multipurpose Use of Water* 6, 59-62 (1977).

E.K. Balon, *Kariba: The Dubious Benefits of Large Dams* 7, 40-48 (1978).

J.P. Barde, G.M. Brown, Jr. and P.F. Teniere Buchot, *Water Pollution Control Policies Are Getting Results* 8, 152-159 (1979).

R.J. Beamish, W.L. Lockhart, J.C. Van Loon and H.H. Harvey, *Long-Term Acidification of a Lake and Resulting Effects on Fishes* 4, 98-102 (1975).

B.E. Bengtsson, Å. Bengtsson and M. Himburg, *Fish Deformities and Pollution in Some Swedish Waters* 14, 32-35 (1985).

L. Bengtsson and H. Berggren, *The Bottom Fauna in an Oil-Contaminated Lake* 1, 141-144 (1972).

E.B. Bennett, *The Nitritifying of Lake Superior* 15, 272-275 (1986).

L. Bergström and A. Gustafson, *Hydrogen Ion Budgets of Four Small Runoff Basins in Sweden* 14, 346-348 (1985).

S. Björk, *Swedish Lake Restoration Program Gets Results* 1, 153-165 (1972).

I. Björklund, H. Borg and K. Johansson, *Mercury in Swedish Lakes-Its Regional Distribution and Causes* 13, 118-121 (1984).

B.I. Dybern, *Water Pollution-A Problem with Global Dimensions* 3, 139-145 (1974).

M.M. Elgabaly, *Water in Arid Agriculture: Salinity and Waterlogging in the Near East Region* 6, 36-39 (1977).

M.O.G. Eriksson, *Acidification of Lakes: Effects on Waterbirds in Sweden* 13, 260-262 (1984).

M.O.G. Eriksson, L. Henrikson, B.I. Nilsson, G. Nyman, H.G. Oscarson, A.E. Stenson and K. Larsson, *Predator-Prey Relations Important for the Biotic Changes in Acidified Lakes* 9, 248-249 (1980).

T. Fagerström and B. Åsell, *Methyl Mercury Accumulation in an Aquatic Food Chain: A Model and Some Implications for Research Planning* 2, 164-171 (1973).

M. Falkenmark, *Water and Mankind—A Complex System of Mutual Interaction* 6, 3-9 (1977).

M. Falkenmark, *New Ecological Approach to the Water Cycle: Ticket to the Future* 13, 152-160 (1984).

M. Falkenmark, *Fresh Water—Time for a Modified Approach* 15, 192-200 (1986).

M. Falkenmark, *Reduced Water Demand—Result of Sweden's Anti-Pollution Program* 6, 66-70 (1977).

M. Falkenmark and M. Lindh, *How Can We Cope With the Water Resource Situation by the Year 2015?* 3, 114-122 (1974).

R.G. Feacham, *Infectious Disease Related to Water Supply and Excreta Disposal Facilities* 6, 55-58 (1977).

G. Fiskejö, *Allium Test on River Water from Brän and Säxan Before and After Closure of a Chemical Factory* 14, 99-103 (1985).

C. Forsberg, G. Morling and R.G. Wetzel, *Indications of the Capacity for Rapid Reversibility of Lake Acidification* 14, 164-166 (1985).

B. Franke and R. Alvarez, *External Gamma Radiation Around the Savannah River Plant* 14, 104-107 (1985).

K. Fytianos, V. Samanidou and T. Agelidis, *Comparative Study of Heavy Metals Pollution in Rivers and Lakes of Northern Greece* 15, 42-44 (1986).

S.D. Gerking, *Freshwater Fish—A Global Food Potential* 6, 39-43 (1977).

O. Grahn, H. Hultberg and L. Landner, *Oligotrophication—A Self-Accelerating Process in Lakes Subjected to Excessive Supply of Acid Substances* 3, 93-94 (1974).

Y. Gustafsson, *Variations in Rainfall as a Natural Constraint on Agriculture* 6, 34-35 (1977).

G. Hendrix and J. Morehead, *Everglades National Park* 12, 153-157 (1983).

J. Hough, *Management Alternatives for Increasing Dry Season Base Flow in the Miombo Woodlands of Southern Africa* 15, 341-346 (1986).

L. Häkansson, *Mercury in Some Swedish Lake Sediments* 3, 37-43 (1974).

G. Jacks, E. Olofsson and G. Werme, *An Acid Surge in a Well-Buffered Stream* 15, 282-289 (1986).

N.D. Jayal, *Destruction of Water Resources—The Most Critical Ecological Crisis of East Asia* 14, 95-98 (1985).

C.F. Jenkins, *The Joint Canadian-US Great Lakes Research Project* 7, 98-105 (1978).

G. Kovacs, *Human Interaction with Groundwater* 6, 22-26 (1977).

G. Kovacs and L. David, *Joint Use of International Resources* 6, 87-91 (1977).

L. Landner and T. Larsson, *Indications of Disturbances in the Nitrification Process in a Heavily Nitrogen-Polluted Water Body* 2, 154-157 (1973).

I. Lang, *Hungary's Lake Balaton: A Program to Solve Its Problems* 7, 164-168 (1978).

G. Lindh, *Urbanization: A Hydrological Headache* 1, 185-201 (1972).

G. Lindh, *Socioeconomic Aspects of Urban Hydrology* 7, 16-22 (1978).

T. Lindström, *Life in a Lake Reservoir: Fewer Options, Decreased Production* 2, 145-153 (1973).

E. Lund, *Human Pathogens as Potential Health Hazards in the Reuse of Water* 7, 56-61 (1978).

M.I. Lvovitch, *World Water Resources, Present and Future* 6, 13-21 (1977).

C. Morales, *Rainfall Variability—A Natural Phenomenon* 6, 30-33 (1977).

J. Mowrer, K. Åswald, G. Burgermeister, L. Machado and J. Tarradas, *PCB in a Lake Geneva Ecosystem* 11, 367-371 (1982).

R.B. Mwalyosi, *Management of the Mtera Reservoir in Tanzania* 15, 30-33 (1986).

L.E. Obeng, *The Control of Pathogens From Human Waste and Their Aquatic Vectors* 12, 106-108 (1983).

L.E. Obeng, *Should Dams be Built? The Volta Lake Example* 6, 46-50 (1977).

F. Oldfield, P.G. Appleby and D. Petit, *A Re-Evaluation of Lead 210 Chronology and the History of Total Lead Influx in a Small South Belgian Pond* 9, 97-99 (1980).

I. Olsson, R. Rosenberg and E. Olundh, *Benthic Fauna and Zooplankton in Some Polluted Swedish Estuaries* 2, 158-163 (1973).

M. Olsson, *DDT and PCB Pollution Trends in the Swedish Aquatic Environment* 15, 103-109 (1986).

M. Olsson, S. Jensen and L. Reutergårdh, *Seasonal Variation of PCB Levels in Fish—An Important Factor in Planning Aquatic Monitoring Programs* 7, 66-69 (1978).

R. Pantulu, *River Basin Management* 12, 109-111 (1983).

R.L. Petersen, L. Lander and Hans Blanck, *Assessment of the Impact of the Chernobyl Reactor Accident on the Biota of Swedish Streams and Lakes* 15, 327-331 (1986).

D. Pimentel, *Water Resources for Food, Fiber and Forest Production* 15, 335-340 (1986).

C.M. Poels, O.I. Snock and L.J. Huizenga, *Toxic Substances in the Rhine River* 7, 218-225 (1978).

L. Ramberg, *Increase in Stream pH after a Forest Drainage* 10, 34-35 (1981).

I. Renberg and T. Hellberg, *The pH History of Lakes in Southwestern Sweden as Calculated From the Subfossil Diatom Flora of the Sediments* 11, 30-33 (1982).

L. Renberg, E. Marell, G. Sundström and M. Adolfsson-Enç, *Levels of Chlorophenols in Natural Waters and Fish After an Accidental Discharge of a Wood-Impregnating Solution* 12, 121-123 (1983).

I. Renberg and M. Wik, *Carbonaceous Particles in Lake Sediments—Pollutants from Fossil Fuel Combustion* 14, 161-163 (1985).

W. Ripl, *Biochemical Oxidation of Polluted Lake Sediment with Nitrate—A New Lake Restoration Method* 5, 132-135 (1976).

F.G. Rodhe and G. Rouvé, *Multiple-Objective Planning of Water Resources* 6, 83-86 (1977).

S.O. Ryding and C. Forsberg, *Six Polluted Lakes: A Preliminary Evaluation of the Treatment and Recovery Processes* 9, 151-156 (1976).

W.D. Sellers, *Water Circulation on the Global Scale: Natural Factors and Manipulation by Man* 6, 10-12 (1977).

H.I. Shuval, *Direct and Indirect Wastewater Reuse for Municipal Purposes* 6, 63-65 (1977).

J. Sigurdson, *Water Policies in India and China* 6, 70-76 (1977).

O.M. Skulberg, G.A. Codd and W.W. Carmichael, *Toxic Blue-Green Algal Blooms in Europe* 13, 244-247 (1984).

W. Stumm, *Water, an Endangered Ecosystem* 15, 201-207 (1986).

D.V. Subrahmanyam and D.V. Subrahmanyam, *Community Water Supply and Excreta Disposal in Developing Countries* 6, 51-54 (1977).

S. Suckcharoen, P. Nuorteva and E. Häsänen, *Alarming Signs of Mercury Pollution in a Freshwater Area of Thailand* 7, 113-116 (1978).

Å. Sundborg and A. Rapp, *Erosion and Sedimentation by Water: Problems and Prospects* 15, 215-225 (1986).

A. Södergren, *The Effects of Sediment Dredging on the Distribution of Organochlorine Residues in a Lake Ecosystem* 13, 206-210 (1984).

A. Södergren and P. Larsson, *Transport of PCBs in Aquatic Laboratory Model Ecosystems from Sediment to the Atmosphere via the Surface Micro-layer* 11, 41-45 (1982).

R.S. Thompson, *Cloud Seeding Potential Over Semi-Arid Lands* 15, 276-281 (1986).

K.G. Wetzel, *Effects on Global Supplies of Freshwater* 11, 126-131 (1982).

T. Wiederholm, *Bottom Fauna as an Indicator of Water Quality in Sweden's Large Lakes* 2, 107-110 (1973).

A. Wiener, *Coping with Water Deficiency in Arid and Semi-Arid Countries Through High-Efficiency Water Management* 6, 77-82 (1977).

T. Willén, *The Gradual Destruction of Sweden's Lakes* 1, 6-14 (1972).

B.C. Wolverton and R.C. McDonald, *The Water Hyacinth: From Prolific Pest to Potential Provider* 8, 2-9 (1979).

R.F. Wright and E.T. Gjessing, *Acid Precipitation: Changes in the Chemical Composition of Lakes* 5, 219-223 (1976).

R.D. Zweig, *Freshwater Aquaculture in China: Ecosystem Management for Survival* 14, 66-74 (1985).

## FUELWOOD

S. Baldwin, H. Geller, G. Dutt and N.H. Ravindranath, *Improved Woodburning Cookstoves: Signs of Success* 14, 280-287 (1985).

G. Foley, *Wood Fuel and Conventional Fuel Demands in the Developing World* 14, 253-258 (1985).

P. O'Keefe, *Fuel for the People: Fuelwood in the Third World* 12, 115-117 (1983).

P. O'Keefe and P. Raskin, *Fuelwood in Kenya: Crisis and Opportunity* 14, 220-224 (1985).

## FUTURE

J. Peterson, *A Condensed Version of the Next Century* 13, 202-205 (1984).

## GENETIC ENGINEERING

P. Berg, *Genetic Engineering: Challenge and Responsibility* 6, 247-252 (1977).

A. Engström, *Reflections on the Debate on Recombinant DNA Research* 6, 260-261 (1977).

## GENETIC RESOURCES

M.F. Lyon, *The Cryptic Spread of Mutant Genes* 12, 75-77 (1983).

N. Myers, *The Problem of Disappearing Species: What Can Be Done?* 9, 229-235 (1980).

N. Myers and E.S. Ayensu, *Reduction of Biological Diversity and Species Loss* 12, 72-74 (1983).

N. Myers, *Genetic Resources in Jeopardy* 13, 171-174 (1984).

## HARMFUL SUBSTANCE INDICATOR

U. Gyllensten and N. Ryman, *Pollution Biomonitoring Programs and the Genetic Structure of Indicator Species* 14, 29-31 (1985).

A. Jacobsson, E. Neuman and G. Thoresson, *The Viviparous Blenny as an Indicator of Environmental Effects of Harmful Substances* 15, 236-238 (1986).

I. Kihlström, *Differences in Placental Transfer of 2,2', 4,4', 5,5'-Hexachlorobiphenyl and Diethylhexylphthalate in the Guinea Pig* 14, 36-38 (1985).

## HEALTH

J.R. Andersen and L. Orback, *Organochlorine Contaminants in Human Milk in Denmark, 1982* 13, 266-268 (1984).

L. Appelqvist, *Some Basic Facts About Rapeseed and Rapeseed Oil* 5, 173-174 (1976).

E. Arrhenius, *Mycotoxicosis—An Old Health Hazard with New Dimensions* 2, 49-56 (1973).

E. Arrhenius, *Health Effects of Multipurpose Use of Water* 6, 59-62 (1977).

I. Åstrand, O. Axelson, U. Eriksson and L. Olander, *Heat Stress in Occupational Work* 4, 37-42 (1975).

F. Barnaby, *The Controversy Over Low-Level Radiation* 9, 74-80 (1980).

L. Beckman, *The Rönnskär Smelter—Occupational and Environmental Effects in and Around a Polluting Industry in Northern Sweden* 7, 226-231 (1978).

L.E. Björk, *Work Organization and the Improvement of the Work Environment* 4, 55-59 (1975).

S. Bordström and L. Beckman, *Decrease of Birth Weight in Areas with Different Degrees of Urbanization and Industrialization* 10, 24-25 (1981).

J. Brisou, *The Health Situation Around the Mediterranean* 6, 342-345 (1977).

D. Bryce-Smith, J. Matthews and R. Stephens, *Mental Health Effects of Lead on Children* 7, 192-203 (1978).

C.T. Charlebois, *High Mercury Levels in Indians and Inuits in Canada* 7, 204-210 (1978).

B.O. Christophersen, H. Svaar, F.T. Langmark, S.A. Gumpen and K.R. Norum, *Rapeseed Oil and Hydrogenated Marine Oils in Nutrition* 5, 169-173 (1976).

D.L. Coffin and J.H. Nelson, *Acid Precipitation: Effects of Sulfur Dioxide and Sulfate Aerosol Particles on Human Health* 5, 239-242 (1976).

J.E. Coggel and P.J. Lindop, *Medical Consequences of Radiation Following a Global Nuclear War* 11, 106-113 (1982).

C.G. Elinder and T. Kjellström, *Cadmium Concentration in Samples of Human Kidney Cortex from the 19th Century* 6, 270-272 (1977).

H.L. Falk and E. Bingham, *Interaction of Fluorescent Whitening Agents and Ultraviolet Radiation* 2, 22-25 (1973).

R.G. Feacham, *Infectious Disease Related to Water Supply and Excreta Disposal Facilities* 6, 55-58 (1977).

B. Forsherg and Stefan Nordström, *Miscarriages Around a Herbicide Manufacturing Company in Sweden* 14, 110-111 (1985).

J. Fremlin, *Health Risks from Low-Level Radiation* 9, 60-65 (1980).

F. Gamberale, *Behavioral Toxicology: A New Field of Job Health Research* 4, 43-46 (1975).

B. Holmberg, *The Inhuman Factor* 4, 1-5 (1975).

S. Jensen and G. Sundström, *Structures and Levels of Most Chlorobiphenyls in Two Technical PCB Products and in Human Adipose Tissue* 3, 70-76 (1974).

C. Johnson, *Cancer Incidence in an Area Contaminated with Radionuclides Near a Nuclear Installation* 10, 176-182 (1981).

A. Johnsson and J.E. Fröberg, *Work Schedules and Biological Clocks* 4, 46-50 (1975).

M. Jägerstad, Å. Norden and R. Nilsson, *Dietary Intake of Nitrate and Nitrite Using the Duplicate Sampling Portion Technique* 6, 276-277 (1977).

A.K. Kaul, *Protein Resources and Production* 6, 141-145 (1977).

J.E. Kihlström, J. Örberg, C. Lundberg and P.O. Danielsson, *Post-natal Growth in Mice Sucking Milk Containing PCB or DDT* 3, 231-233 (1974).

J.H. Nelson and R.E. Lee, *Oxides of Nitrogen in the Atmosphere: Origin, Fate and Public Health Implications* 6, 126-130 (1977).

E. Lagerlöf, *Accident Research—Theories and Methods* 4, 51-55 (1975).

C. Levinson, *The Malevolent Workplace* 4, 24-29 (1975).

W. Lijinsky, *Health Problems Associated with Nitrates and Nitrosamines* 5, 67-72 (1976).

O.L. Lloyd, R. Barclay and M.M. Lloyd, *Lung Cancer and Other Related Health Problems in a Scottish Industrial Town* 14, 322-328 (1985).

J.E. Lovelock, *PAN in the Natural Environment: Its Possible Significance in the Epidemiology of Skin Cancer* 6, 131-133 (1977).

E. Lund, *Human Pathogens as Potential Health Hazards in the Reuse of Water* 7, 56-61 (1978).

G.K. Macleod, *Some Public Health Lessons from Three Mile Island: A Case Study in Chaos* 10, 18-23 (1981).

R. Madeley, D. Jolley and P. O'Keefe, *The Advent of Primary Health Care in Mozambique* 12, 322-325 (1983).

R. Madeley, D. Jolley, P. Epstein and P. O'Keefe, *The Promise and Problems of Global Health* 13, 182-188 (1984).

P.N. Magee, *Nitrogen as Health Hazard* 6, 123-125 (1977).

C. Maitoni, *The Value of Predictive Experimental Bioassays in Occupational and Environmental Carcinogenesis. An Example: Vinyl Chloride* 4, 18-23 (1975).

A. Möller, *Noise as a Health Hazard* 4, 6-13 (1975).

G.F. Nordberg, *Health Hazards of Environmental Cadmium Pollution* 3, 55-66 (1974).

K. Norén, *Levels of Organochlorine Contamination in Human Milk from Different Parts of Sweden* 12, 44-46 (1983).

A. Odensbo, N. Greenberg, K. Vroegh, J. Bedekka and J.E. Kihlström, *Functional Disturbances in Lead-Exposed Children* 12, 40-44 (1983).

H. Osore, *Pollution and Public Health in East Africa* 12, 316-321 (1983).

A. Petros-Barvazian and M. Behar, *Low Birth Weight—A Major Global Problem* 7, 157-163 (1978).

J. Radford, *Stripmining Arid Navajo Lands in the US—Threats to Health and Heritage* 11, 9-14 (1982).

N.L. Ramanathan and S. Kahyap, *Occupational Environment and Health in India* 4, 60-64 (1975).

C. Ramel, *The Detection and Control of Mutagenic and Carcinogenic Compounds in the Environment* 7, 244-249 (1978).

S. Rehnlund, P.G. Bergfors, K.H. Gustavson and H. Kolberg, *Lead Concentrations in the Blood of Children in the Vicinity of a Sulfide-Ore Melting Plant: An Evaluation of the Influence of Various Sources of Lead Pollution in the Children's Environment* 8, 118-120 (1979).

R. Reid, *Environment and Public Health in the Caribbean* 10, 312-317 (1981).

A.V. Roschin and L.A. Timofeevskaya, *Chemical Substances in the Work Environment: Some Comparative Aspects of USSR and US Hygiene Standards* 4, 30-33 (1975).

D. Schnaire, M. Ben and M. Shields, *Body Burden Reductions of PCBs, PBBs and Chlorinated Pesticides in Human Subjects* 13, 378-380 (1984).

A. Schütz, J. Ranstam, S. Skerfving and S. Tejnig, *Blood-Lead Levels in School Children in Relation to Industrial Emission and Automobile Exhausts* 13, 115-117 (1984).

I. Selikoff, *Recent Perspectives in Occupational Cancer* 4, 14-17 (1975).

L.R. Solon, *Nuclear Power: Proliferation and Public Health* 11, 15-19 (1982).

A. Sors, *Assessing the Health Risks of Global Pollution* 9, 89-96 (1980).

M.K.C. Sridhar, P.A. Oluwande and A.O. Okubadejo, *Health Hazards and Pollution from Open Drains in a Nigerian City* 10, 29-33 (1981).

K.G. St. Clair Renard, *Respiratory Cancer Mortality in an Iron Ore Mine in Northern Sweden* 3, 67-69 (1974).

A. Stewart, G. Kneale and T. Mancuso, *The Hartford Data: A Reply to Recent Criticisms* 9, 66-73 (1980).

D.V. Subrahmanyam, *Community Water Supply and Excreta Disposal in Developing Countries* 6, 51-54 (1977).

P.V. Sukhatme, *Nitrogen in Malnutrition* 6, 137-140 (1977).

G. Warnbeck, *ILO Program for Control of Occupational Cancer* 4, 29-29 (1975).

G. Westöö, *Changes in the Levels of Environmental Pollutants in Some Swedish Foods* 3, 70-83 (1974).

G. Westöö and K. Norén, *Organochlorine Contaminants in Human Milk: Stockholm, 1967-1977* 7, 62-64 (1978).

M. Winell, *An International Comparison of Hygienic Standards for Chemicals in the Work Environment* 4, 34-36 (1975).

J. Örberg, *Placental and Mammary Transfer of Two PCBs (2, 4', 5-TCB and 2, 2', 4, 4', 5, 5'-HCB) and Their Effect on Reproductive Capacity in Mice* 6, 278-280 (1977).

## HEAVY METALS

G. Bengtsson and S. Rundgren, *Ground-Living Invertebrates in Metal-Polluted Forest Soils* 13, 29-33 (1984).

L. Folkesson, *Deterioration of the Moss and Lichen Vegetations in a Forest Polluted by Heavy Metals* 13, 37-39 (1984).

K. Fytianos, V. Samandou and T. Agelidis, *Comparative Study of Heavy Metals Pollution in Rivers and Lakes of Northern Greece* 15, 42-44 (1986).

J.S. Gray and R.J. Ventilla, *Growth Rates of a Sediment-Living Marine Protozoan as a Toxicity Indicator for Interacting Heavy Metals* 2, 118-121 (1973).

U. Grimslöf, A. Göthberg, M. Notter, M. Olsson and L. Reuterberg, *Fat Amount—A Factor to Consider in Monitoring Studies of Heavy Metals in Cod Liver* 14, 175-178 (1985).

R.S. Gupta, *On Some Trace Metals in the Baltic* 1, 226-230 (1972).

R. Hallberg, *Heavy Metals in the Gulf of Bothnia* 8, 265-269 (1979).

L. Kardell and S. Källman, *Heavy Metals in Antlers of Roe Deer from Two Swedish Forests*, 1968-1983 15, 232-235 (1986).

P. Pakarinen and K. Tolonen, *Regional Survey of Heavy Metals in Peat Mosses (Sphagnum)* 5, 38-40 (1976).

A. Rühling, E. Bååth, A. Nordgren and B. Söderström, *Fungi in Metal-Contaminated Soil Near the Gusum Brass Mill, Sweden* 13, 34-36 (1984).

J.M. Skei, N.B. Price and S.E. Calvert, *Particulate Metals in the Waters of Sørifjord, West Norway* 2, 122-124 (1973).

K.G. St. Clair Renard, *Respiratory Cancer Mortality in an Iron Ore Mine in Northern Sweden* 3, 67-69 (1974).

G. Tyler, *The Impact of Heavy Metal Pollution on Forests: A Case Study of Gusum, Sweden* 13, 18-24 (1984).

## HUNTING

O. Hertz and F.O. Kapel, *Commercial and Subsistence Hunting of Marine Mammals* 15, 144-151 (1986).

## INDUSTRY

C. Christiansson and J. Åshuvud, *Heavy Industry in a Rural Tropical Ecosystem* 14, 122-133 (1985).

O.L. Lloyd, R. Barclay and M.M. Lloyd, *Lung Cancer and Other Related Health Problems in a Scottish Industrial Town* 14, 322-328 (1985).

## INSECTS

H.H. Eidmann, *Aspects of Biological Control of Forest Insects in Sweden* 5, 23-26 (1976).

S. Nilsson, *Rationalization of Forest Operations Gives Rise to Insect Attack and Increment Losses* 5, 17-22 (1976).

P. Nuorteva and S.L. Nuorteva, *The Fate of Mercury in Sarcosaprophagous Flies and in Insects Eating Them* 11, 34-37 (1982).

J.D. Wilde, *Insect Population Management and Integrated Pest Control* 4, 105-111 (1975).

## LAND USE

P.G.H. Evans, *Dominica Multiple Land Use Project* 15, 82-89 (1986).

## LAW

P. Birnie, *The Role of Law in Protecting Marine Mammals* 15, 137-143 (1986).

L.J. Lundqvist, *Environmental Impact Statements: Their Legislative and Administrative Background* 2, 136-136 (1973).

C.S.N. Narokobi, *The Law of the Sea and the South Pacific* 13, 372-376 (1984).

M. Pulea, *Environment Legislation in the Pacific Region* 13, 369-371 (1984).

J.O. Strömberg, *The Law of the Sea Conference, Caracas 1974* 3, 228-229 (1974).

B.M. Tsamenyi, *Legal Aspects of Fisheries: The Need for Legal Training Facilities in the South Pacific* 13, 351-353 (1986).

## LEAD

D. Bryce-Smith, J. Matthews and R. Stephens, *Mental Health Effects of Lead on Children* 7, 192-203 (1978).

K. Danell, Å. Andersson and V. Marcström, *Lead Shot Pellets Dispersed by Hunters—Ingested by Ducks* 6, 235-237 (1977).

A. Odenbro, N. Greenberg, K. Vroegh, J. Bederka and J.E. Kihlstrom, *Functional Disturbances in Lead-Exposed Children* 12, 40-44 (1983).

F. Oldfield, P.G. Appleby and D. Petit, *A Re-Evaluation of Lead 210 Chronology and the History of Total Lead Influx in a Small South Belgian Pond* 9, 97-99 (1980).

S. Rehnlund, P.G. Bergfors, K.H. Gustavsson and H. Kollberg, *Lead Concentrations in the Blood of Children in the Vicinity of a Sulfide-Ore Melting Plant: An Evaluation of the Influence of Various Sources of Lead Pollution in the Children's Environment* 8, 118-120 (1979).

A. Schütz, J. Ranstam, S. Skerfving and S. Tejning, *Blood-Lead Levels in School Children in Relation to Industrial Emission and Automobile Exhausts* 13, 115-117 (1984).

T. Stenström and M. Vähter, *Cadmium and Lead in Swedish Commercial Fertilizers* 3, 91-91 (1974).

U. Sturesson, *Lead Enrichment in Shells of Mytilus Edulis* 5, 253-256 (1976).

## MANAGEMENT

P. Bohm and C. Henry, *Cost-Benefit Analysis and Environmental Effects* 8, 18-24 (1979).

G. Borgstrom, *The Breach in the Flow of Mineral Nutrients* 2, 129-135 (1973).

F. Di Castri, M. Hadley and J. Damiani, *MAB: The Man and the Biosphere Program as an Evolving System* 10, 52-58 (1981).

R.D. Cunningham, *Pros and Cons of the Southern California EIR System* 2, 137-144 (1973).

L. Emmelin, *Planning Program Approved by Parliament* 2, 26-30 (1973).

H.Z. Evan, *Environmental Management in a Mediterranean Port City: Haifa* 6, 346-349 (1977).

A. Johnels, *Conference on Environmental Research and Management* 12, 58-59 (1983).

M. Kubu, *There's More Than One Way to Make a Plan* 2, 34-36 (1973).

L.J. Lundqvist, *Environmental Impact Statements: Their Legislative and Administrative Background* 2, 136-136 (1973).

R.D. Munro, *Environmental Research and Management Priorities for the 1980s* 12, 60-61 (1983).

K.F. O'Conor and K.A. Ackley, *New Zealand's Wastaki: A Regional Planning Perspective for Regional Resources* 10, 142-147 (1981).

T. O'Riordan, *The Scope of Environmental Risk Management* 8, 260-264 (1979).

F. Rasmussen, *The Introduction of a New Planning Ideology* 2, 31-33 (1973).

R. Pantulu, *River Basin Management* 12, 109-111 (1983).

F.P. Sebastian, Jr., *Waste Treatment in China: Ancient Traditions and High Technology* 1, 209-216 (1972).

I. Thorsson, *Everything is Related to Everything* 1, 202-208 (1972).

A. Wiener, *Coping with Water Deficiency in Arid and Semi-Arid Countries Through High-Efficiency Water Management* 6, 77-82 (1977).

J.D. Wilde, *Insect Population Management and Integrated Pest Control* 4, 105-111 (1975).

## MARINE MAMMALS

R. Barstow, *Non-Consumptive Utilization of Whales* 15, 155-163 (1986).

P. Birnie, *The Role of Law in Protecting Marine Mammals* 15, 137-143 (1986).

W.N. Bonner, *Seals in the Human Environment* 15, 173-176 (1986).

S.G. Brown, *Research on Large and Small Cetaceans: Conservation and Management* 19, 168-172 (1986).

J.A. Estes, *Marine Otters and Their Environment* 15, 181-183 (1986).

M. Ferrari, *Of Whales and Politics* 12, 347-348 (1983).

J.A. Gulland, *Marine Mammal-Fisheries Interactions* 15, 152-154 (1986).

O. Hertz and F.O. Kapel, *Commercial and Subsistence Hunting of Marine Mammals* 15, 144-151 (1986).

E. Helle, M. Olsson and S. Jensen, *DDT and PCB Levels and Reproduction in Ringed Seal from the Bothnian Bay* 5, 188-189 (1976).

E. Helle, M. Olsson and S. Jensen, *PCB Levels Correlated with Pathological Changes in Seal Uteri* 5, 261-263 (1976).

S. Holt, *The Indian Ocean Whale Sanctuary* 12, 345-347 (1983).

S. Holt, *Mammals in the Sea* 15, 126-133 (1986).

B. Jansson, S. Jensen, M. Olsson, L. Renberg, G. Sundstrom and R. Vaz, *Identification by GC-MS of Phenolic Metabolites of PCB and p,p'-DDE Isolated from Baltic Guillenot and Seal* 4, 93-97 (1975).

S. Jensen and B. Jansson, *Anthropogenic Substances in Seal from the Baltic: Methyl Sulfone Metabolites of PCB and DDE* 5, 257-260 (1976).

H. Marsh, T.J. O'Shea and R.C. Best, *Research on Sirens* 15, 177-180 (1986).

M. McCloskey, *Educational Campaigns for Marine Mammals* 15, 164-167 (1986).

N. Meith, *Saving the Small Cetaceans* 13, 2-13 (1984).

B. Nielsen, *Management and Utilization of Marine Mammals* 15, 134-136 (1986).

E.B. Ofstad and K. Martinsen, *Persistent Organochlorine Compounds in Seals from Norwegian Coastal Waters* 12, 262-264 (1983).

## MARINE WATERS

H. Ackefors, *Production of Fish and Other Animals in the Sea* 6, 192-200 (1977).

M.T. Affolter, *North Sea Oil Developments: Some Related Environmental and Planning Considerations in Scotland* 5, 3-16 (1976).

S. Berne, M. Marchand and L. d'Ozouville, *Pollution of Sea Water and Marine Sediments in Coastal Areas* 9, 287-293 (1980).

D. Broman and B. Ganning, *Bivalve Molluscs (*Mytilus edulis* and *Macoma balthica*) for Monitoring Diffuse Oil Pollution in a Northern Baltic Archipelago* 14, 23-28 (1985).

L. Cabioch, *Pollution of Subtidal Sediments and Disturbance of Benthic Animal Communities* 9, 294-296 (1980).

M.E. Christiansen and F.C. Stormer, *Effects of the Water-Soluble Fraction of Ekofisk Crude Oil on Zoal Larvae of the Crab *Hyas araneus** 7, 23-25 (1978).

D.W. Dyrsen, *The Changing Chemistry of the Ocean* 1, 21-25 (1972).

D.W. Dyrsen and L.R. Uppström, *The Boron Chlorinity Ratio in the Baltic Sea Water* 3, 44-46 (1974).

M. Falkenmark, *Hydrology of the Baltic Sea Area: Temporal Fluctuations in Water Balance* 15, 97-102 (1986).

J.Y. Floc'h and M. Diouris, *Initial Effects of Amoco Cadiz Oil on Intertidal Algae* 9, 284-286 (1980).

R. Hallberg, *Heavy Metals in the Gulf of Bothnia* 8, 265-269 (1979).

R. Helmer, *Pollutants From Land-Based Sources in the Mediterranean* 6, 312-316 (1977).

P.M. Henry, *The Mediterranean: A Threatened Microcosm* 6, 300-307 (1977).

U. Horstmann, H. Van der Piepen and K.W. Barrot, *The Influence of River Water on the Southeastern Baltic Sea as Observed by Nimbus 7/CZCS Imagery* 15, 286-289 (1986).

P. Hulm, *The Regional Seas Program: What Fate for UNEP's Crown Jewels?* 12, 2-13 (1983).

R.E. Johannes, *Traditional Conservation Methods and Protected Marine Areas in Oceania* 11, 258-261 (1982).

B. Josefsson and G. Nyquist, *Florescence Tracing of the Flow and Dispersion of Sulfite Wastes in a Fjord System* 5, 183-187 (1976).

S. Keckes, *The Coordinated Mediterranean Pollution Monitoring and Research Program* 6, 327-328 (1977).

S. Keckes, *Protecting the Marine Environment* 12, 112-114 (1983).

G. Kelleher and R. Kenchington, *Australia's Great Barrier Reef Marine Park: Making Development Compatible with Conservation* 11, 262-267 (1982).

M.D. Krom, *An Evaluation of the Concept of Assimilative Capacity as Applied to Marine Waters* 15, 208-214 (1986).

L. Laubier, *The Amoco Cadiz Oil Spill: An Ecological Impact Study* 9, 268-276 (1980).

P. Le Lourd, *Oil Pollution in the Mediterranean Sea* 6, 317-320 (1977).

E.M. Levy, *Oil Pollution in the World's Oceans* 13, 226-235 (1984).

O. Lindén, R. Elmgren and P. Boehm, *The Tesis Oil Spill: Its Impact on the Coastal Ecosystem of the Baltic Sea* 8, 244-253 (1979).

O. Lindén and A. Jernelöv, *The Mangrove Swamp—an Ecosystem in Danger* 9, 81-88 (1980).

G. Lunde, J. Gether and E. Steinnes, *Determination of Volatility and Chemical Persistence of Lipid-Soluble Halogenated Organic Substances in Marine Organisms* 5, 180-182 (1976).

P. Nounou, *The Oil Spill Age: Fate and Effects of Oil in the Marine Environment* 9, 297-302 (1980).

E.B. Ofstad and K. Martinsen, *Persistent Organochlorine Compounds in Seals from Norwegian Coastal Waters* 12, 262-264 (1983).

J.E. Ong, *Mangroves and Aquaculture in Malaysia* 11, 252-257 (1982).

C. Osterberg and S. Keckes, *The State of Pollution of the Mediterranean Sea* 6, 321-326 (1977).

T. Pearson and R. Rosenberg, *A Comparative Study of the Effects on the Marine Environment of Wastes from Cellulose Industries in Scotland and Sweden* 5, 77-79 (1976).

A. Rodriguez, *Marine and Coastal Environmental Stress in the Wider Caribbean Region* 10, 283-294 (1981).

A.H. Seymour, *The Impact on Ocean Ecosystems* 11, 132-137 (1982).

F.C. Stormer and A. Vinsjansen, *Microbial Degradation of Ekofisk Oil in Seawater by *Saccharomyces lipolytica** 5, 141-142 (1976).

J.O. Strömberg, *The Law of the Sea Conference, Caracas 1974* 3, 228-229 (1974).

P.S. Thacher, *The Mediterranean Action Plan* 6, 308-312 (1977).

A. Thorhaug, *Review of Seagrass Restoration Efforts* 15, 110-117 (1986).

A. Thorhaug, *Biology and Management of Seagrass in the Caribbean* 10, 295-298 (1981).

B.M. Tsamenyi, *Legal Aspects of Fisheries: The Need for Legal Training Facilities in the South Pacific* **15**, 351-353 (1986).

D.M. Ward, R.M. Atlas, P.D. Boehm and J.A. Calder, *Biodegradation and Chemical Evolution of Oil from the Amoco Cadiz Oil Spill* **9**, 277-283 (1980).

G. Weichart, *Pollution of the North Sea* **2**, 99-106 (1973).

H.V. Westernhagen and V. Dethlefsen, *North Sea Oxygen Deficiency in 1982 and Its Effects on the Bottom Fauna* **12**, 264-266 (1983).

C.T. Wezernak, *Monitoring of Ocean Dumping by Means of Satellite Remote Sensing* **2**, 84-86 (1973).

### MERCURY

I. Björklund, H. Borg and K. Johansson, *Mercury in Swedish Lakes—Its Regional Distribution and Causes* **13**, 118-121 (1984).

C.T. Charlebois, *High Mercury Levels in Indians and Inuits in Canada* **7**, 204-210 (1978).

T. Fagerström and B. Åsell, *Methyl Mercury Accumulation in an Aquatic Food Chain: A Model and Some Implications for Research Planning* **2**, 164-171 (1973).

J.R. Ferreira, H. Bergman Filho, J.F. Krug, N.A. Menezes, P.E. Hansen and S. Storgaard Jørgenson, *Mercury in Water and Fish from the São Vicente Estuary Near Santos, Brazil* **8**, 210-213 (1979).

A. Göthberg, *Intensive Fishing—A Way to Reduce the Mercury Level in Fish* **12**, 259-261 (1983).

L. Häkanson, *Mercury in Some Swedish Lake Sediments* **3**, 37-43 (1974).

A. Johnels, G. Tyler and T. Westermark, *A History of Mercury Levels in Fauna* **8**, 160-168 (1979).

L. Lindström and O. Grahn, *Antagonistic Effects to Mercury on Some Mine Drainage Areas* **11**, 372-374 (1982).

M. Lodenius, *Regional Distribution of Mercury in Hypogymnia physodes in Finland* **10**, 183-184 (1981).

P. Nuorteva and S.L. Nuorteva, *The Fate of Mercury in Sarcosaprophagous Flies and in Insects Eating Them* **11**, 34-37 (1982).

M. Olsson, *Mercury Level as a Function of Size and Age in Northern Pike, One and Five Years After the Mercury Ban in Sweden* **5**, 73-76 (1976).

S. Suckcharoen, P. Nuorteva and E. Hässänen, *Alarming Signs of Mercury Pollution in a Freshwater Area of Thailand* **7**, 113-116 (1978).

K. Wallin, *Decrease and Recovery Patterns of Some Raptors in Relation to the Introduction and Ban of Alkyl-Mercury and DDT in Sweden* **13**, 263-265 (1984).

T. Westermark, T. Odsjö and A.G. Johnels, *Mercury Content of Bird Feathers Before and After Swedish Ban on Alkyl Mercury in Agriculture* **4**, 87-92 (1975).

### MINING

J. Radford, *Stripmining Arid Navajo Lands in the US—Threats to Health and Heritage* **11**, 9-14 (1982).

### MONITORING AND REMOTE SENSING

E. Almqvist, *Remote Sensing of Gaseous Air Pollution* **3**, 168-176 (1974).

W. Arnberg, B. Lekander and L. Wastenson, *Use of Aerial Photographs for Early Detection of Bark Beetle Infestations of Spruce* **2**, 77-83 (1973).

S. Axelsson and E. Ohlsson, *Remote Sensing of Oil Slicks* **2**, 70-76 (1973).

B.E. Bengtsson and E.B. Ofstad, *Long-term Studies on Uptake and Elimination of Some Chlorinated Paraffins in the Bleak (Alburnus alburnus)* **11**, 38-40 (1982).

A. Bjärval and R. Franzén, *Mortality Transmitters—An Important Tool for Studying Reindeer Calf Mortality* **10**, 26-28 (1981).

D. Broman and B. Ganning, *Bivalve Molluscs (*Mytilus edulis* and *Macoma balthica*) for Monitoring Diffuse Oil Pollution in a Northern Baltic Archipelago* **14**, 23-28 (1985).

B. Brunström and J. Öberg, *A Method for Studying Embryo Toxicity of Lipophilic Substances Experimentally Introduced into Hens' Eggs* **11**, 209-211 (1982).

E. Dyring, *Principles of Remote Sensing* **2**, 57-69 (1973).

E. Dyring, *NIMBUS Satellite Series to Advance Knowledge of the Environment* **3**, 177-179 (1974).

E. Dyring, *Something Up There is Watching You: Remote Sensing By Satellite* **1**, 174-175 (1972).

S. Forsberg and T. Osjö, *An X-Ray Back-Scatter Method for Field Measurements of the Quality of Bird Eggshells During Incubation* **12**, 267-270 (1983).

U. Gyllensten and N. Ryman, *Pollution Biomonitoring Programs and the Genetic Structure of Indicator Species* **14**, 29-31 (1985).

U. Grims, A. Göthberg, M. Notter, M. Olsson and L. Reutergårdh, *Fat Amount—A Factor to Consider in Monitoring Studies of Heavy Metals in Cod Liver* **14**, 175-178 (1985).

R.O. Hallberg, L.E. Bägander, A.G. Engvall and F.A. Schipper, *Method for Studying Geochemistry of Sediment-Water Interface* **1**, 71-72 (1972).

J. Heintzenberg, H.C. Hansson, J.A. Ogren and S. Odh, *Concept and Realization of an Air Pollution Monitoring Station in the European Arctic* **14**, 152-157 (1985).

R. Herrera, C.F. Jordan, E. Medina and H. Klinge, *How Human Activities Disturb the Nutrient Cycles of a Tropical Rain Forest in Amazonia* **10**, 109-114 (1981).

U. Horstmann, H. Van der Piepen and K.W. Barrot, *The Influence of River Water on the Southeastern Baltic Sea as Observed by Nimbus 7/CZCS Imagery* **15**, 286-289 (1986).

S. Keckes, *The Coordinated Mediterranean Pollution Monitoring and Research Program* **6**, 327-328 (1977).

A. Lugo and S. Brown, *Ecological Monitoring in the Luquillo Forest Reserve* **10**, 102-108 (1981).

B. Lundholm, *Remote Sensing and International Affairs* **1**, 166-173 (1972).

J.P. Malingreau, G. Stephens and L. Fellows, *Remote Sensing of Forest Fires: Kalimantan and North Borneo in 1982-83* **14**, 314-321 (1985).

M. Olsson, S. Jensen and L. Reutergårdh, *Seasonal Variation of PCB Levels in Fish—An Important Factor in Planning Aquatic Monitoring Programs* **7**, 66-69 (1978).

D.J. Rapport and H. Regier, *An Ecological Approach to Environmental Information* **9**, 60-65 (1980).

O. Rydbeck, *Sweden Urges UN Action on Remote Sensing* **1**, 175-175 (1972).

K.R. Sundström and J.E. Häggren, *Using Lichens as Physiological Indicators of Sulfurous Pollutants* **2**, 13-21 (1973).

R.S. Tobin, F.I. Onuska, D.H.J. Anthony and M.E. Comba, *Nonionic Surfactants: Conventional Biodegradation Test Methods Do Not Detect Persistent Polyglycol Products* **5**, 30-31 (1976).

C.T. Wezernak, *Monitoring of Ocean Dumping by Means of Satellite Remote Sensing* **2**, 84-86 (1973).

### NITROGEN

T. Ahl, A. Haverinen, L. Thorell and J. Wartiovaara, *Discharge of Nitrogen, Phosphorus and Organic Matter into the Gulf of Bothnia* **6**, 273-275 (1977).

E.B. Bennett, *The Nitrification of Lake Superior* **15**, 272-275 (1986).

B. Commoner, *Cost-Risk Benefit Analysis of Nitrogen Fertilization: A Case History* **6**, 157-161 (1977).

P.J. Crutzen and D.H. Ehhalt, *Effects of Nitrogen Fertilizers and Combustion on the Stratospheric Ozone Layer* **6**, 112-117 (1977).

C.E. Delwiche, *Relations in the Global Nitrogen Cycle* **6**, 106-111 (1977).

J. Döbereiner, *Biological Nitrogen Fixation in Tropical Grasses—Possibilities for Partial Replacement of Mineral N Fertilizers* **6**, 174-177 (1977).

M.J. Frissel, *Application of Nitrogen Fertilizers: Present Trends and Projections* **6**, 152-156 (1977).

T. Ingestad, *Nitrogen and Plant Growth: Maximum Efficiency of Nitrogen Fertilizers* **6**, 146-151 (1977).

M. Jägerstad, Å. Nordén and R. Nilsson, *Dietary Intake of Nitrate and Nitrite Using the Duplicate-Sampling Portion Technique* **6**, 276-277 (1977).

J.H. Knelson and R.E. Lee, *Oxides of Nitrogen in the Atmosphere: Origin, Fate and Public Health Implications* **6**, 126-130 (1977).

L. Landner and T. Larsson, *Indications of Disturbances in the Nitrification Process in a Heavily Nitrogen-Polluted Water Body* **2**, 154-157 (1973).

W. Lijinsky, *Health Problems Associated with Nitrates and Nitrosamines* **5**, 67-72 (1976).

P.N. Magee, *Nitrogen as Health Hazard* **6**, 123-125 (1977).

J.R. Postgate, *Consequences of the Transfer of Nitrogen Fixation Genes to New Hosts* **6**, 178-180 (1977).

T.S. Rao, *The Handling of Nitrogenous Wastes in Rural India* **6**, 134-136 (1977).

W. Ripl, *Biochemical Oxidation of Polluted Lake Sediments with Nitrate—A New Lake Restoration Method* **5**, 132-135 (1976).

U. Rönner, *Nitrogen Transformations Within the Baltic Proper: Denitrification Counteracts Eutrophication* **14**, 134-138 (1985).

O. Soermawato, *Nitrogen in Tropical Agriculture: Indonesia as a Case Study* **6**, 162-165 (1977).

W.D.P. Stewart, *Present-Day Nitrogen-Fixing Plants* **6**, 166-173 (1977).

P.V. Sukhatme, *Nitrogen in Malnutrition* **6**, 137-140 (1977).

R. Söderlund, *NO<sub>x</sub> Pollutants and Ammonia Emissions—A Mass Balance for the Atmosphere Over NW Europe* **6**, 118-122 (1977).

C.O. Tamm, H. Holmen, B. Popovic and G. Wiklander, *Leaching of Plant Nutrients from Forest Soils as a Consequence of Forestry Operations* **3**, 211-221 (1974).

### NUCLEAR POWER

J.C. Bupp, *The Status of Nuclear Power: A Perspective from the United States* **5**, 119-123 (1976).

B. Grunbaum, *Nuclear Energy in the Soviet Union* **5**, 124-126 (1976).

G. Leach, *Energy Futures—Wide Open to Change and Choice* **5**, 108-116 (1976).

G.K. Macleod, *Some Public Health Lessons from Three Mile Island: A Case Study in Chaos* **10**, 18-23 (1981).

J.K. Miettinen, *The Nuclear Power Situation in Finland* **5**, 129-131 (1976).

W. Peden, *Canada's Nuclear Power Program* **5**, 127-128 (1976).

D.J. Rose and G. Tenaglia, *Disposing of Nuclear Wastes in Western Europe—A National or International Responsibility?* **2**, 233-240 (1973).

L.R. Solon, *Nuclear Power: Proliferation and Public Health* **11**, 15-19 (1982).

B. Sorenson, *Nuclear Power, the Answer That Became a Question: An Assessment of Accident Risks* **8**, 10-17 (1979).

A. Stewart, G. Kneale and T. Mancuso, *The Hanford Data: A Reply to Recent Criticisms* **9**, 66-73 (1980).

### NUCLEAR WAR

W. Arkin, F. Von Hippel and B.G. Levi, *The Consequences of a "Limited" Nuclear War in East and West Germany* **11**, 163-173 (1982).

F. Barnaby, *Effects of Global Nuclear War: The Arsenals* **11**, 76-83 (1982).

F. Barnaby and J. Rotblat, *The Effects of Nuclear Weapons* **11**, 84-93 (1982).

E.A. Bondiotti, *Effects on Agriculture* **11**, 138-142 (1982).

E.I. Chazov and M.E. Vartanian, *Effects on Human Behavior* 11, 158-160 (1982).

J.E. Coggie and P.J. Lindop, *Medical Consequences of Radiation Following a Global Nuclear War* 11, 106-113 (1982).

P.J. Crutzen and J.W. Birks, *The Atmosphere After a Nuclear War: Twilight at Noon* 11, 114-125 (1982).

B. Danielsson, *Under a Cloud of Secrecy: The French Nuclear Tests in the Southeastern Pacific* 13, 336-341 (1984).

K. Edvarson, *Radioecological Aspects of Nuclear Warfare* 4, 209-210 (1975).

H.W. Hjort, *The Impact on Global Food Supplies* 11, 153-157 (1982).

Y. Laulan, *Economic Consequences: Back to the Dark Ages* 11, 149-152 (1982).

H. Middleton, *Epidemiology: The Future is Sickness and Death* 11, 100-105 (1982).

J. Peterson, *Scientific Studies of the Unthinkable: The Physical and Biological Effects of Nuclear War* 15, 60-69 (1986).

A.H. Seymour, *The Impact on Ocean Ecosystems* 11, 132-137 (1982).

S.L. Thompson, V.V. Aleksandrov, G.L. Stenckikhov, S.H. Schneider, C. Covey and R.M. Chernin, *Global Climate Consequences of Nuclear War: Simulations with Three Dimensional Models* 13, 236-243 (1984).

I. Thorsson, *Disarmament Negotiations: What Are They Doing for the Environment?* 4, 199-202 (1975).

A. Westing, *The Remnants of War* 13, 14-17 (1984).

A. Westing, *Neutron Bombs and the Environment* 7, 93-97 (1978).

K.G. Wetzel, *Effects on Global Supplies of Fresh Water* 11, 126-131 (1982).

G.M. Woodwell, *The Biotic Effects of Ionizing Radiation* 11, 143-148 (1982).

H. York, *The Nuclear "Balance of Terror" in Europe* 4, 203-208 (1975).

## OECD

M. Idman, *OECD Activities: Aiming Towards Expanded International Cooperation in the Control of Toxic Chemicals* 7, 263-266 (1978).

B. Ottar, *Monitoring Long-Range Transport of Air Pollutants: The OECD Study* 5, 203-206 (1976).

## OIL

H.K. Abdel-Aal, *The Oil Industry: People, Products, and Progress* 2, 196-202 (1973).

S. Axelsson and E. Ohlsson, *Remote Sensing of Oil Slicks* 2, 70-76 (1973).

L. Bengtsson and H. Berggren, *The Bottom Fauna in an Oil-Contaminated Lake* 1, 141-144 (1972).

S. Berne and G. Bodennec, *Evolution of Hydrocarbons After the Tarbo Oil Spill—A Comparison with the Amoco Cadiz Accident* 13, 109-114 (1984).

M.E. Christiansen and F.C. Stormer, *Effects of the Water-Soluble Fraction of Ekofisk Crude Oil on Zoopl Larvae of the Crab Hyas araneus* 7, 23-25 (1978).

J. Ferrari, *Oil on Troubled Waters* 13, 354-357 (1983).

Å. Hagström, *The Fate of Oil in a Model Ecosystem* 6, 229-231 (1977).

F. Le Lourd, *Oil Pollution in the Mediterranean Sea* 6, 317-320 (1977).

M. Lehtomäki and S. Niemela, *Improving Microbial Degradation of Oil in Soil* 4, 126-129 (1975).

O. Lindén, *The Influence of Crude Oil and Mixtures of Crude Oil Dispersants on the Ontogenetic Development of the Baltic Herring (Clupea harengus membras)* 5, 136-140 (1976).

O. Lindén, *Effects of Oil on the Reproduction of the Amphipod Gammarus oceanicus* 5, 36-37 (1976).

O. Lindén, R. Elmgren and P. Boehm, *The Tresis Oil Spill: Its Impact on the Coastal Ecosystem of the Baltic Sea* 8, 244-253 (1979).

B. Rodesjö, *Desulfurization of Fuel Gases from Oil-Firing* 3, 24-29 (1974).

F.C. Stormer and A. Vinsjansen, *Microbial Degradation of Ekofisk Oil in Seawater by Saccharomyces lipolytica* 5, 141-142 (1976).

## ORGANOCHLORINES

M. Abdulla, I. Dencker, G. Haglund, Å. Nordén, K. Persson and G. von Rosen, *Organochlorine Pesticides in Foods Studied by Double Portion Sampling Techniques* 3, 239-240 (1974).

J.R. Andersen and L. Orbaek, *Organochlorine Contaminants in Human Milk in Denmark*, 1982 13, 266-268 (1984).

K. Norén, *Levels of Organochlorine Contamination in Human Milk from Different Parts of Sweden* 12, 44-46 (1983).

E.B. Ofstad and K. Martinsen, *Persistent Organochlorine Compounds in Seals from Norwegian Coastal Waters* 12, 262-264 (1983).

A. Södergren, *The Effects of Sediment Dredging on the Distribution of Organochlorine Residues in a Lake Ecosystem* 13, 206-210 (1984).

S. Ulfstrand and A. Södergren, *Organochlorine Residues in East African Birds* 1, 150-151 (1972).

G. Westöö and K. Norén, *Organochlorine Contaminants in Human Milk: Stockholm, 1967-1977* 7, 62-64 (1978).

## ORGANOTIN

R.B. Laughlin, Jr. and O. Linden, *Fate and Effects of Organotin Compounds* 14, 88-94 (1985).

## OZONE

M. Ashmore, N. Bell and J. Rutter, *The Role of Ozone in Forest Damage in West Germany* 14, 81-87 (1985).

P.J. Crutzen, *Estimates of Possible Variations in Total Ozone Due to Natural Causes and Human Activities* 3, 201-210 (1974).

P.J. Crutzen, *SSTs: A Threat to the Earth's Ozone Shield* 1, 41-51 (1972).

P.J. Crutzen and D.H. Ehhalt, *Effects of Nitrogen Fertilizers and Combustion on the Stratospheric Ozone Layer* 6, 112-117 (1977).

P. Grennfelt and J. Schijndelager, *Photochemical Oxidants in the Troposphere: A Mounting Menace* 13, 61-67 (1984).

O. Hov, *Ozone in the Troposphere: High Level Pollution* 13, 73-79 (1984).

I. Isaksen and F. Stordalen, *The Influence of Man on the Ozone Layer: Readjusting the Estimates* 10, 9-17 (1981).

L. Skärby and G. Sellén, *The Effects of Ozone on Crops and Forests* 13, 68-72 (1984).

## PARKS

H. Eidsvik, *Under Joint Responsibility: The Kluane-Wrangell-St. Elias World Heritage Site* 12, 191-196 (1983).

A. Fox, *Kakadu is Aboriginal Land* 12, 161-167 (1983).

D. Glick, *The Rio Platano Biosphere Reserve: Unique Resource, Unique Alternative* 12, 168-173 (1983).

M. Hill, *Kakadu National Park and the Aborigines: Partners in Protection* 12, 158-160 (1983).

B. Jeffries, *Sagarmatha National Park: The Impact of Tourism in the Himalayas* 11, 274-281 (1982).

R.E. Johannes, *Traditional Conservation Methods and Protected Marine Areas in Oceania* 11, 258-261 (1982).

G. Kelleher and R. Kenchington, *Australia's Great Barrier Reef Marine Park: Making Development Compatible with Conservation* 11, 262-267 (1982).

K. Miller, *Parks and Protected Areas: Considerations for the Future* 11, 315-317 (1982).

H.R. Mishra, *Balancing Human Needs and Conservation in Nepal's Royal Chitwan Park* 11, 246-251 (1982).

J. Movcan, *Development and Economics in Plitvice National Park* 11, 282-285 (1982).

M.T.J. Padua and A.T.B. Quintao, *Parks and Biological Reserves in the Brazilian Amazon* 11, 309-314 (1982).

T. Swem and R. Cahn, *The Politics of Parks in Alaska* 12, 14-19 (1983).

D. Western, *Amboseli National Park: Enlisting Landowners to Conserve Migratory Wildlife* 11, 302-308 (1982).

## PCB

M. Ahnoff and B. Josefsson, *Polychlorinated Biphenyls (PCB) in Göta River Water* 4, 172-174 (1975).

S.A. Bengtsson and A. Södergren, *DDT and PCB Residues in Airborne Fallout and Animals in Iceland* 3, 84-86 (1974).

B.E. Bengtsson, *Increased Growth in Minnows Exposed to PCBs* 8, 169-170 (1979).

E. Helle, M. Olsson and S. Jensen, *DDT and PCB Levels and Reproduction in Ringed Seal from the Bothnian Bay* 9, 188-189 (1976).

E. Helle, M. Olsson and S. Jensen, *PCB Levels Correlated with Pathological Changes in Seal Uteri* 5, 261-263 (1976).

B. Jansson, S. Jensen, M. Olsson, L. Renberg, G. Sundström and R. Vaz, *Identification by GC-MS of Phenolic Metabolites of PCB and p,p'-DDE Isolated from Baltic Guillemot and Seal* 4, 93-97 (1975).

S. Jansson, *The PCB Story* 1, 123-131 (1972).

S. Jensen and B. Jansson, *Anthropogenic Substances in Seal from the Baltic: Methyl Sulfone Metabolites of PCB and DDE* 5, 257-260 (1976).

S. Jensen, J.E. Kihlström, M. Olsson, C. Lundberg and J. Örberg, *Effects of PCB and DDT on Mink (Mustela vison) During the Reproductive Season* 6, 239-239 (1977).

S. Jensen and G. Sundström, *Structures and Levels of Most Chlorobiphenyls in Two Technical PCB Products and in Human Adipose Tissue* 3, 70-76 (1974).

J.E. Kihlström, J. Örberg, C. Lundberg and P.O. Danielsson, *Post-natal Growth in Mice Sucking Milk Containing PCB or DDT* 3, 231-233 (1974).

J. Mowrer, K. Åswald, G. Burgermeister, L. Machado and J. Tarradellas, *PCB in a Lake Genesee* 11, 367-371 (1982).

M. Olsson, *DDT and PCB Pollution Trends in the Swedish Aquatic Environment* 15, 103-109 (1986).

M. Olsson, S. Jensen and L. Reuterberg, *Seasonal Variation of PCB Levels in Fish—An Important Factor in Planning Aquatic Monitoring Programs* 7, 66-69 (1978).

M. Olsson, J.E. Kihlström, S. Jensen and J. Örberg, *Cadmium and Mercury Concentrations in Mink (Mustela vison) After Exposure to PCBs* 8, 25-25 (1979).

D. Schnare, M. Ben and M. Shields, *Body Burden Reductions of PCBs, PBPs and Chlorinated Pesticides in Human Subjects* 13, 378-380 (1984).

A. Södergren and P. Larsson, *Transport of PCBs in Aquatic Laboratory Model Ecosystems from Sediment to the Atmosphere via the Surface Microlayer* 11, 41-45 (1982).

A. Södergren and S. Ulfstrand, *DDT and PCB Relocate When Caged Robins Use Fat Reserves* 1, 36-40 (1972).

G. Umeda, *Kanemi Yusho: PCB Poisoning in Japan* 1, 132-134 (1972).

T. Yoshida, F. Takashima and T. Watanabe, *Distribution of <sup>14</sup>C-PCBs in Carp* 2, 111-113 (1973).

J. Örberg, *Placental and Mammary Transfer of Two PCBs (2, 4', 5-TCB and 2, 2', 4, 4', 5, 5'-HCB) and Their Effect on Reproductive Capacity in Mice* 6, 278-280 (1977).

J. Örberg, N. Johansson, D.E. Kihlström and C. Lundberg, *Administration of DDT and PCB Prolongs Oestrous Cycle in Mice* 1, 148-149 (1972).

## PESTICIDES

M. Abdulla, I. Dencker, G. Haglund, Å. Nordén, K. Persson and G. von Rosen, *Organochlorine Pesticides in Foods Studied by Double-Portion Sampling Techniques* 3, 239-240 (1974).

S.S. Atuma and D.I. Okor, *Pesticide Usage in Nigeria—Need for a Baseline Study* 14, 340-341 (1985).

M. Linear, *Gift of Poison—The Unacceptable Face of Development Aid* 11, 2-8 (1982).

D.L. Mowbray, *Pesticide Control in the South Pacific* 15, 22-29 (1986).

J.M. Pemberton, *Pesticide-Degrading Plasmids: A Biological Answer to Environmental Pollution by Phenoxyherbicides* 8, 202-205 (1979).

D. Schiare, M. Ben and M. Shields, *Body Burden Reductions of PCBs, PBPs and Chlorinated Pesticides in Human Subjects* 13, 378-380 (1984).

J.D. Wilde, *Insect Population Management and Integrated Pest Control* 4, 105-111 (1975).

## PHOSPHORUS

T. Ahl, A. Haverinen, L. Thorell and J. Wartiovaara, *Discharge of Nitrogen, Phosphorus and Organic Matter into the Gulf of Bothnia* 6, 273-275 (1977).

C.O. Tamm, H. Holmen, B. Popovic and G. Wiklander, *Leaching of Plant Nutrients from Forest Soils as a Consequence of Forestry Operations* 3, 211-221 (1974).

## POLLUTION

A. Andersson, *Enrichment of Trace Elements From Sewage Sludge Fertilizer in Soils and Plants* 1, 176-179 (1972).

S. Antoine, *A "Blue Plan" for the Survival of the Mediterranean Region* 6, 332-335 (1977).

S. Axelsson and E. Ohlsson, *Remote Sensing of Oil Slicks* 2, 70-76 (1973).

L. Beckman, *The Rönnskär Smelter—Occupational and Environmental Effects in and Around a Polluting Industry in Northern Sweden* 7, 226-231 (1978).

B.E. Bengtsson, Å. Bengtsson and M. Himborg, *Fish Deformities and Pollution in Some Swedish Waters* 14, 32-35 (1985).

B.E. Bengtsson and E.B. Ofstad, *Long-Term Studies on Uptake and Elimination of Some Chlorinated Paraffins in the Bleak (Alburnus alburnus) II*, 38-40 (1982).

B.E. Bengtsson, O. Svanberg, E. Lindén, G. Lund and E. Baumann, *Structure-Related Uptake of Chlorinated Paraffins in Bleaks (Alburnus alburnus L.)* 8, 121-122 (1979).

L. Bengtsson and H. Berggren, *The Bottom Fauna in an Oil-Contaminated Lake* 1, 141 (1972).

S. Berne and G. Bodenec, *Evolution of Hydrocarbons After the Tanio Oil Spill—A Comparison with the Amoco Cadiz Accident* 13, 109-114 (1984).

S. Berne, M. Marchand and L. d'Ozouville, *Pollution of Sea Water and Marine Sediments in Coastal Areas* 9, 287-293 (1980).

G. Brady and R.D. Cunningham, *The Economics of Pollution in the US* 10, 171-175 (1981).

D. Bromar and B. Ganning, *Bivalve Molluscs (Mytilus edulis and Macoma balthica) for Monitoring Diffuse Oil Pollution in a Northern Baltic Archipelago* 14, 23-28 (1985).

L. Bruneau, *Pollution from Industries in the Drainage Area of the Baltic* 9, 145-152 (1980).

B. Brunström, P.O. Darnerud, I. Brandt and J. Öberg, *Distribution, Metabolism and Toxicity of 2,2',4,5' Tetrachlorobiphenyl After Injection Into the Yolk of Embryonated Hens' Eggs* 11, 212-214 (1982).

B. Brunström and J. Öberg, *A Method for Studying Embryo Toxicity of Lipophilic Substances Experimentally Introduced into Hens' Eggs* 11, 209-211 (1982).

L. Cabioch, *Pollution of Subtidal Sediments and Disturbance of Benthic Animal Communities* 9, 294-296 (1980).

G. Carlestam, *Noise: The Scourge of Modern Society* 1, 102-109 (1972).

M.E. Christiansen and F.C. Stormer, *Effects of the Water-Soluble Fraction of Ekofisk Crude Oil on Zoal Larvae of the Crab Hyas araneus* 7, 23-25 (1978).

B.I. Dybner, *Water Pollution—A Problem with Global Dimensions* 3, 139-145 (1974).

M. Edgran, M. Olsson and L. Renberg, *Preliminary Results on Uptake and Elimination at Different Temperatures of p,p'-DDT and Two Chlorobiphenyls in Perch from Brackish Water* 8, 270-272 (1979).

H.H. Eidman, Å. Bergman, B. Henningsson and C. Möller, *DDT and Lindane Residues on Treated Conifer Seedlings and in Soil* 8, 214-217 (1979).

H.L. Falk and E. Bingham, *Interaction of Fluorescent Whitening Agents and Ultraviolet Radiation* 2, 22-25 (1973).

J. Ferrari, *Oil on Troubled Waters* 12, 354-357 (1983).

G. Fitkesjö, *Allium Test on River Water from Brän and Säxån Before and After Closure of a Chemical Factory* 14, 99-100 (1985).

J.Y. Flac'h and M. Diouris, *Initial Effects of Amoco Cadiz Oil on Intertidal Algae* 9, 284-286 (1980).

L. Folkefors, *Deterioration of the Moss and Lichen Vegetations in a Forest Polluted by Heavy Metals* 13, 37-39 (1984).

C. Forsberg and Å. Forsberg, *Algal Growth Potential Test Improves Sewage Effluent Control* 1, 26-28 (1972).

A. Gilad, *Environmental Pollution Control in Metropolitan Athens* 6, 350-354 (1977).

U. Gyllensten and N. Ryman, *Pollution Bio-monitoring Programs and the Genetic Structure of Indicator Species* 14, 29-31 (1985).

Å. Hagström, *The Fate of Oil in a Model Ecosystem* 6, 229-231 (1977).

E. Helle, M. Olsson and S. Jensen, *PCB Levels Correlated with Pathological Changes in Seal Uteri* 5, 261-263 (1976).

R. Helmer, *Pollutants From Land-Based Sources in the Mediterranean* 6, 312-316 (1977).

D. Hinrichsen, *Multiple Pollutants and Forest Decline* 15, 258-265 (1986).

O. Hov, *Ozone in the Troposphere: High Level Pollution* 13, 73-79 (1984).

S. Jensen and B. Jansson, *Anthropogenic Substances in Seal from the Baltic: Methyl Sulfone Metabolites of PCB and DDE* 5, 257-260 (1976).

S. Jensen and L. Renberg, *Contaminants in Pentachlorophenol: Chlorinated Dioxins and Predioxins* 1, 62-65 (1972).

A. Jernelöv and O. Linden, *Ixtoc I: A Case Study of the World's Largest Oil Spill* 10, 299-306 (1981).

B. Josefsson and G. Nyquist, *Florescence Tracing of the Flow and Dispersion of Sulfite Wastes in a Fjord System* 5, 183-187 (1976).

L. Kardell and J. Larsson, *Lead and Cadmium in Oak Tree Rings (Quercus robur L.)* 7, 117-121 (1978).

S. Keckes, *The Coordinated Mediterranean Pollution Monitoring and Research Program* 6, 327-328 (1977).

J.E. Kihlström and E. Berglund, *An Estimation of the Amounts of Polychlorinated Biphenyls in the Biomass of the Baltic* 7, 175-178 (1978).

L. Laubier, *The Amoco Cadiz Oil Spill: An Ecological Impact Study* 9, 268-276 (1980).

K.J. Lehtinen, *Effects on Fish Exposed to Effluent from a Titanium Dioxide Industry and Tested with Rotary-Flow Technique* 9, 31-33 (1980).

M. Lehtomäki and S. Niemelä, *Improving Microbial Degradation of Oil in Soil* 4, 126-129 (1975).

P. Le Lourd, *Oil Pollution in the Mediterranean Sea* 6, 317-320 (1977).

E.M. Levy, *Oil Pollution in the World's Oceans* 13, 226-235 (1984).

B. Lindell, *Source-Related Detriment and the Commitment Concept: Applying the Principles of Radiation Protection to Non-Radioactive Pollutants* 7, 250-259 (1978).

O. Lindén, *Acute Effects of Oil and Oil/Dispersant Mixture on Larvae of Baltic Herring* 4, 130-133 (1975).

O. Lindén, *The Influence of Crude Oil and Mixtures of Crude Oil/Dispersants on the Ontogenetic Development of the Baltic Herring (Clupea harengus membras)* 5, 136-140 (1976).

O. Lindén, *Effects of Oil on the Reproduction of the Amphipod Gammarus oceanicus* 5, 36-37 (1976).

O. Lindén, R. Elmgren and P. Boehm, *The Tsesis Oil Spill: Its Impact on the Coastal Ecosystem of the Baltic Sea* 8, 244-253 (1979).

G.F. Nordberg, *Health Hazards of Environmental Cadmium Pollution* 3, 55-66 (1974).

H. Norrström, *Pollution Control in the Swedish Pulp and Paper Industry* 4, 80-86 (1975).

P. Nounou, *The Oil Spill Age: Fate and Effects of Oil in the Marine Environment* 9, 297-302 (1980).

H. Osore, *Pollution and Public Health in East Africa* 12, 316-321 (1983).

C. Osterberg and S. Keckes, *The State of Pollution of the Mediterranean Sea* 6, 321-326 (1977).

J. Pawlak, *Land-based Inputs of Some Major Pollutants to the Baltic Sea* 9, 163-167 (1980).

D.B. Peakall, D. Halett, D.S. Miller, R.G. Butler and W.B. Kinter, *Effects of Ingested Crude Oil on Black Guillermo: A Combined Field and Laboratory Study* 9, 28-30 (1980).

D.B. Peakall, D.A. Jeffrey and D.S. Miller, *Weight Loss of Herring Gulls Exposed to Oil and Oil Emulsion* 14, 108-109 (1985).

J.M. Pemberton, *Pesticide Degrading Plasmids: A Biological Answer to Environmental Pollution by Phenoxyherbicides* 8, 202-205 (1979).

C.M. Poels, O.I. Snock and L.J. Huizinga, *Toxic Substances in the Rhine River* 7, 218-225 (1978).

C. Ramel, *The Detection and Control of Mutagenic and Carcinogenic Compounds in the Environment* 7, 244-249 (1978).

L. Renberg, E. Marell, G. Sundström and M. Adolfsson-Erici, *Levels of Chlorophenols in Natural Waters and Fish After an Accidental Discharge of a Wood-Impregnating Solution* 12, 121-123 (1983).

L. Renberg and M. Wik, *Carbonaceous Particles in Lake Sediments—Pollutants from Fossil Fuel Combustion* 14, 161-163 (1985).

W. Ripl, *Biochemical Oxidation of Polluted Lake Sediment with Nitrate—A New Lake Restoration Method* 5, 132-135 (1976).

S.O. Ryding and C. Forsberg, *Six Polluted Lakes: A Preliminary Evaluation of the Treatment and Recovery Processes* 5, 151-156 (1976).

B. Rånby, A.C. Albertsson and S.L. Jansson, *Effects on Growing Crops of Plastics Stabilized or Pigmented with Cadmium Compounds. Preliminary Results of Pot Experiments with Spring Wheat* 7, 172-174 (1978).

A. Röhling, E. Bäath, A. Nordgren and B. Söderström, *Fungi in Metal-Contaminated Soil Near the Gusum Brass Mill, Sweden* 13, 34-36 (1984).

A. Sciolla Lagrange, *The Barcelona Convention and its Protocols* 6, 328-332 (1977).

O.M. Skulberg, G.A. Codd and W.W. Carmichael, *Toxic Blue-Green Algal Blooms in Europe* 13, 244-247 (1984).

A. Sors, *Assessing the Health Risks of Global Pollution* 9, 89-96 (1980).

M.K.C. Sridhar, P.A. Oluwande and A.O. Okubadejo, *Health Hazards and Pollution from Open Drains in a Nigerian City* 10, 29-33 (1981).

F.C. Stormer and A. Vinsjansen, *Microbial Degradation of Ekoifisk Oil in Seawater by Saccharomyces lipolytica* 5, 141-142 (1976).

S. Suckcharoen, P. Nuorteva and E. Hasanen, *Alarming Signs of Mercury Pollution in a Freshwater Area of Thailand* 7, 113-116 (1978).

O. Svanberg, B.E. Bengtsson, E. Lindén, G. Lunde and E. Baumann Oftstad, *Chlorinated Paraffins—A Case of Accumulation and Toxicity to Fish* 7, 64-65 (1978).

O. Svanberg and E. Lindén, *Chlorinated Paraffins—An Environmental Hazard* 8, 206-209 (1979).

R.S. Tobin, F.I. Onuska, D.H.J. Anthony and M.E. Comba, *Nonionic Surfactants: Conventional Biodegradation Test Methods Do Not Detect Persistent Polyglycol Products* 5, 30-31 (1976).

G. Tyler, *The Impact of Heavy Metal Pollution on Forests: A Case Study of Gusum, Sweden* 13, 18-24 (1984).

D.M. Ward, R.M. Atlas, P.D. Boehm and J.A. Calder, *Biodegradation and Chemical Evolution of Oil from the Amoco Cadiz Oil Spill* 9, 277-283 (1980).

G. Weichert, *Pollution of the North Sea* 2, 99-106 (1973).

G. Westöö, *Changes in the Levels of Environmental Pollutants in Some Swedish Foods* 3, 70-83 (1974).

G. Westöö and K. Norén, *Polychlorinated 2-Aminodiphenyl Ethers in Fish* 6, 232-234 (1977).

C.T. Wezernak, *Monitoring of Ocean Dumping by Means of Satellite Remote Sensing* 2, 84-86 (1973).

## POLICY

A. Alexandre and J.P. Barde, *Noise Abatement Policies for the Eighties* 10, 166-170 (1981).

J.P. Barde, G.M. Brown, Jr. and P.F. Teniere Buchot, *Water Pollution Control Policies Are Getting Results* 8, 152-159 (1979).

J.M. Hollander, *Scientists and the Environment: New Responsibilities* 1, 116-119 (1972).

L. Lundqvist, *Sweden's Environmental Policy* 1, 90-101 (1972).

H. Palmstierna, *An Open Letter: The Scientist and Working Man* 1, 110-115 (1972).

V. Sebak, *Bridging the Gap Between Science and Policy-Making: Why Public Policy Often Fails to Reflect Current Scientific Knowledge* 12, 118-120 (1983).

M.F. Strong, *The Stockholm Conference—Where Science and Politics Meet* 1, 73-78 (1972).

I. Walter and J.L. Ugelow, *Environmental Policies in Developing Countries* 8, 102-109 (1979).

S. Åström, *Global Consensus or Global Catastrophe?* 1, 2-5 (1972).

## POPULATION (human)

G. Adler-Karlsson, *Towards a Mutual Growth Moratorium* 3, 101-106 (1974).

G. Borgstrom, *The Food-Population Dilemma* 3, 109-113 (1974).

B. Commoner, *Improving Resources' Productivity: A Way to Support the Growing World Population* 3, 136-138 (1974).

J. Connell, *Islands Under Pressure—Population Growth and Urbanization in the South Pacific* 13, 306-312 (1984).

L. Day, *The World Demographic Situation* 3, 97-100 (1974).

J. Ekenberger, *The Population Confrontation* 3, 225-230 (1974).

S. El-Shakhs, *The Population Bomb and Urbanization* 12, 94-96 (1983).

P. Harrison, *Population, Climate and Future Food Supply* 13, 161-167 (1984).

K. Newcombe and T. Pohai, *The Lar Project: An Ecological Approach to Third World Urbanization* 10, 73-78 (1981).

R. Repetto, *Soil Loss and Population Pressure in Java* 15, 14-18 (1986).

R.M. Salas, *Population, Resources and the Environment: Some Crucial Issues at the Conference on Population* 13, 142-147 (1984).

S. Schneider, *The Population Explosion: Can It Shake the Climate?* 3, 150-155 (1974).

T. Shuman, *The Aging of the World's Population* 13, 175-181 (1984).

I. Thorsson, *The United Nations—Can it Cope with Population?* 3, 106-108 (1974).

## RADIATION

F. Barnaby, *The Controversy Over Low-Level Radiation* 9, 74-80 (1980).

H.L. Falk and E. Bingham, *Interaction of Fluorescent Whitening Agents and Ultraviolet Radiation* 2, 22-25 (1973).

B. Franke and R. Alvarez, *External Gamma Radiation Around the Savannah River Plant* 14, 104-107 (1985).

J. Fremlin, *Health Risks from Low-Level Radiation* 9, 60-65 (1980).

C. Johnson, *Cancer Incidence in an Area Contaminated with Radionuclides Near a Nuclear Installation* 10, 176-182 (1981).

B. Lindell, *Source-Related Detriment and the Commitment Concept: Applying the Principles of Radiation Protection to Non-Radioactive Pollutants* 7, 250-259 (1978).

G.M. Woodwell, *The Biotic Effects of Ionizing Radiation* 11, 143-148 (1982).

## RISK ASSESSMENT

R.W. Kates, *Assessing the Assessors: The Art and Ideology of Risk Assessment* 6, 247-252 (1977).

## RESOURCES

G. Arrhenius, *New Material Resources from Inner and Outer Space* 3, 130-135 (1974).

K. Dunham, *The Influence of Crustal Resources* 3, 126-129 (1974).

## SALINIZATION

V.A. Kovda, *Loss of Productive Land Due to Salinization* 12, 91-93 (1983).

## SEDIMENTATION

A. Rapp, *Soil Erosion and Sedimentation in Tanzania and Lesotho* 4, 154-163 (1975).

Å. Sundborg and A. Rapp, *Erosion and Sedimentation by Water: Problems and Prospects* 15, 215-225 (1986).

## SELENIUM

P. Garberg and J. Höglberg, *The Role of Selenium and Oxygen Interactions in Selenium Metabolism* 15, 354-355 (1986).

G. Gissel-Nielsen and M. Gissel-Nielsen, *Ecological Effects of Selenium Application to Field Crops* 2, 114-117 (1973).

T. Koljonen, *The Availability of Selenium as Nutrient in Different Geological Environments, With Special Reference to Finland and Iceland* 7, 169-171 (1978).

J. Låg and J. Steinnes, *Soil Selenium in Relation to Precipitation* 3, 237-238 (1974).

## SOIL

A. Andersson, *Enrichment of Trace Elements From Sewage Sludge Fertilizer in Soils and Plants* 1, 176-179 (1972).

G. Bengtsson and S. Rundgren, *Ground-Living Invertebrates in Metal-Polluted Forest Soils* 13, 29-33 (1984).

H.H. Eidman, Ö. Bergman, B. Henningsson and C. Möller, *DDT and Lindane Residues on Treated Conifer Seedlings and in Soil* 8, 214-217 (1979).

H.W. Fassbender, *Solubility and Fractionation Criteria for Evaluating Arsenic-Phosphorous Relationships in Soils* 4, 134-135 (1975).

M. Lehtomäki and S. Niemelä, *Improving Microbial Degradation of Oil in Soil* 4, 126-129 (1975).

J. Låg and J. Steinnes, *Soil Selenium in Relation to Precipitation* 3, 237-238 (1974).

N. Malmer, *Acid Precipitation: Chemical Changes in the Soil* 5, 231-234 (1976).

P. O'Keefe, *The Causes, Consequences and Remedies of Soil Erosion in Kenya* 12, 302-305 (1983).

L. Overteir, *Sulphur Pollution Patterns Observed: Leaching of Calcium in Forest Soil Determined* 1, 145-147 (1972).

P. Randrianarivo, *The Erosion of Madagascar* 12, 306-311 (1983).

A. Rapp, *Soil Erosion and Sedimentation in Tanzania and Lesotho* 4, 154-163 (1975).

R. Repetto, *Soil Loss and Population Pressure in Java* 15, 14-18 (1986).

C.O. Tamm, *Acid Precipitation: Biological Effects in Soil and on Forest Vegetation* 5, 235-238 (1976).

C.O. Tamm, H. Holmen, B. Popovic and G. Wiklander, *Leaching of Plant Nutrients from Forest Soils as a Consequence of Forestry Operations* 3, 211-221 (1974).

C.G. Wenner, *Soil Conservation in Kenya* 12, 305-307 (1983).

## VINYL CHLORIDE

R. Göthe, D.J. Calleman, L. Ehrenberg and C.A. Wachtmeister, *Trapping With 3,4-Dichlorobenzeneol of Reactive Metabolites Formed In Vitro From the Carcinogen Vinyl Chloride* 3, 234-236 (1974).

Å. Hagström and S. Normark, *Toxic Effects and Action of Chlorinated By-Products from Vinyl Chloride Production on Escherichia Coli K12* 3, 77-79 (1974).

C. Maltoni, *The Value of Predictive Experimental Bioassays in Occupational and Environmental Carcinogenesis. An Example: Vinyl Chloride* 4, 18-23 (1975).

U. Rannug, A. Johansson, C. Ramel and C.A. Wachtmeister, *The Mutagenicity of Vinyl Chloride After Metabolic Interaction* 3, 194-197 (1974).

## WASTE

A. Andersson, *Enrichment of Trace Elements From Sewage Sludge Fertilizer in Soils and Plants* 1, 176-179 (1972).

J. Branch, *The Waste Bin: Nuclear Waste Dumping and Storage in the Pacific* 13, 327-330 (1984).

J. Brodie and J. Morrison, *The Management and Disposal of Hazardous Wastes in the Pacific Islands* 13, 331-333 (1984).

C. Forsberg and Å. Forsberg, *Algal Growth Potential Test Improves Sewage Effluent Control* 1, 26-28 (1972).

S. Friberg, K. Roberts and A.M. Wennerberg, *Waste Water Impurity Level Affects Flocculation Efficiency of Polyelectrolytes* 1, 180-181 (1972).

R.D. Hill, *Controlling the Epidemic of Hazardous Chemicals and Wastes* 12, 86-90 (1983).

B. Josefsson and G. Nyquist, *Florescence Tracing of the Flow and Dispersion of Sulfite Wastes in a Fjord System* 5, 183-187 (1976).

R. Lesher, *Resource Recovery from Solid Waste in the Future* 3, 156-161 (1974).

E. Lund, *Human Pathogens as Potential Health Hazards in the Reuse of Water* 7, 56-61 (1978).

L.E. Obeng, *The Control of Pathogens From Human Waste and Their Aquatic Vectors* 12, 106-108 (1983).

T. Pearson and R. Rosenberg, *A Comparative Study of the Effects on the Marine Environment of Wastes from Cellulose Industries in Scotland and Sweden* 5, 77-79 (1976).

D.J. Rose and G. Tenaglia, *Disposing of Nuclear Wastes in Western Europe—A National or International Responsibility?* 2, 233-240 (1973).

F.P. Sebastian, Jr., *Waste Treatment in China: Ancient Traditions and High Technology* 1, 209-216 (1972).

INDI

H.I. Shuval, *Direct and Indirect Wastewater Reuse for Municipal Purposes* **6**, 63-65 (1977).

M. Willems, B. Pedersen and S. Storgaard Jorgensen, *Composition and Reactivity of Ash from Sewage Sludge* **5**, 32-35 (1976).

W. Zucker, *Hazardous Waste Management on Guam: A Case Study* **13**, 334-335 (1984).

#### WILDLIFE

W.J. Lusigi, *New Approaches to Wildlife Conservation in Kenya* **10**, 87-92 (1981).

D. Western, *Amboseli National Park: Enlisting Landowners to Conserve Migratory Wildlife* **11**, 302-308 (1982).

#### ZINC

W.N. Beeyen and A. Andersson, *Toxicity to Woodlice of Zinc and Lead Oxides Added to Soil Litter* **14**, 173-174 (1985).

H. Gydesen, L. Rasmussen, K. Pilegaard, A. Andersson and M.F. Hovmand, *Differences in the Regional Disposition of Cadmium, Copper, Lead*

and Zinc in Denmark as Reflected in Bulk Precipitation, Epiphytic Cryptogams and Animal Kidneys

**10**, 229-230 (1981).

C.E. Lundholm and L. Anderson, *Biosphere Levels of Cadmium, Zinc and Copper Around an Old Swedish Copper Mine* **14**, 167-172 (1985).

R.I. Van Hook, W.F. Harris and G.S. Henderson, *Cadmium, Lead, and Zinc Distributions and Cycling in a Mixed Deciduous Forest* **6**, 281-286 (1977).

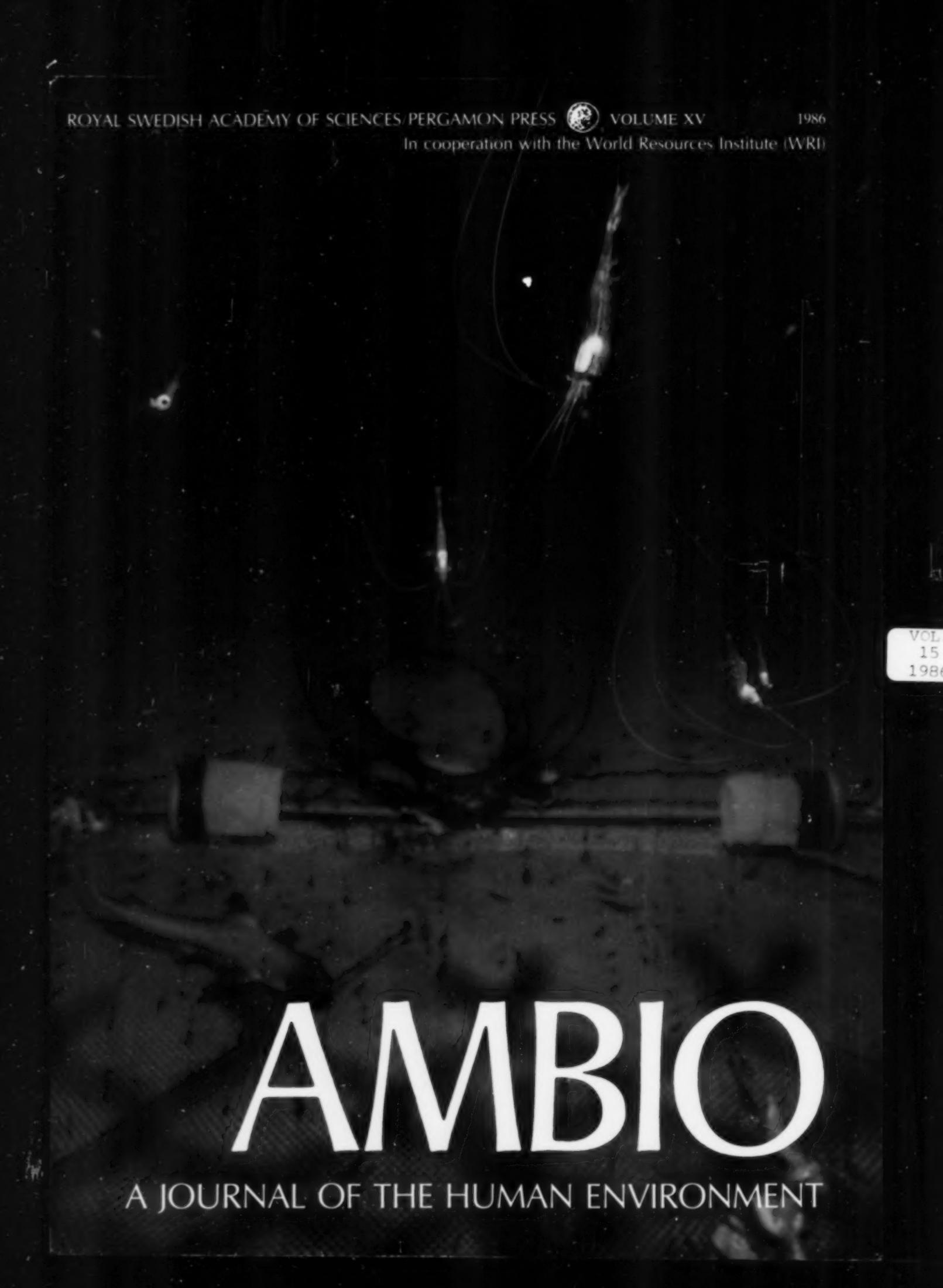
ROYAL SWEDISH ACADEMY OF SCIENCES/PERGAMON PRESS



VOLUME XV

1986

In cooperation with the World Resources Institute (WRI)



# AMBI<sup>O</sup>

A JOURNAL OF THE HUMAN ENVIRONMENT

VOL  
15  
1986

# INDEX AMBIO VOLUME XV 1986

## ARTICLES

### No. 1

D. Zhao and B. Sun: *Air Pollution and Acid Rain in China* ..... 2-5  
L. Kardell, E. Steen and A. Fabiao: *Eucalyptus in Portugal—A Threat or a Promise?* ..... 6-13  
R. Repetto: *Soil Loss and Population Pressure in Java* ..... 14-18  
F. Shimozono and K. Iwatsuki: *Botanical Gardens and the Conservation of an Endangered Species in the Bonin Islands* ..... 19-21  
D.L. Mowbray: *Pesticide Control in the South Pacific* ..... 22-29  
R.B. Mwalyosi: *Management of the Mtera Reservoir in Tanzania* ..... 30-33

### No. 2

J. Peterson: *Scientific Studies of the Unthinkable: The Physical and Biological Effects of Nuclear War* ..... 60-69  
P.M. Fearnside: *Spatial Concentration of Deforestation in Brazilian Amazon* ..... 74-81  
R.H. Hosier: *Energy Planning in Zimbabwe: An Integrated Approach* ..... 90-96  
A.Thorhaug: *Review of Seagrass Restoration Efforts* ..... 110-117

### No. 3

S. Holt: *Mammals in the Sea* ..... 126-133  
B. Nielsen: *The Global Plan of Action for the Conservation, Management and Utilization of Marine Mammals* ..... 134-136  
P. Birnie: *The Role of Law in Protecting Marine Mammals* ..... 137-143  
O. Hertz and F.O. Kapel: *Commercial and Subsistence Hunting of Marine Mammals* ..... 144-151  
J.A. Gulland: *Marine Mammal—Fisheries Interactions* ..... 152-154  
R. Barstow: *Non-Consumptive Utilization of Whales* ..... 155-163  
M. McCloskey: *Educational Campaigns for Marine Mammals* ..... 164-167  
S.G. Brown: *Conservation and Management* ..... 168-172  
W.N. Bonner: *Seals in the Human Environment* ..... 173-176  
H. Marsh, T.J. O'Shea and R.C. Best: *Research on Sirenians* ..... 177-180  
J.A. Estes: *Marine Otters and Their Environment* ..... 181-183

### No. 4

M. Falkenmark: *Fresh Water—Time for a Modified Approach* ..... 192-200  
W. Stumm: *Water, an Endangered Ecosystem* ..... 201-207  
M.D. Krom: *An Evaluation of the Concept of Assimilative Capacity as Applied to Marine Waters* ..... 208-214  
Å. Sundborg and A. Rapp: *Erosion and Sedimentation by Water: Problems and Prospects* ..... 215-225  
M.A. Kishk: *Land Degradation in the Nile Valley* ..... 226-230

### No. 5

D. Hinrichsen: *Multiple Pollutants and Forest Decline* ..... 258-265  
G.P. Glasby: *Modification of the Environment in New Zealand* ..... 266-271

E.B. Bennett: *The Nitrifying of Lake Superior* ..... 272-275  
R.D. Thompson: *Cloud Seeding Potential Over Semi-Arid Lands* ..... 276-281

### No. 6

G.P. Hekstra: *Will Climatic Changes Flood The Netherlands? Effects on Agriculture, Land Use and Well-Being* ..... 316-326  
D. Pimentel: *Water Resources for Food, Fiber and Forest Production* ..... 335-340  
J. Hough: *Management Alternatives for Increasing Dry Season Base Flow in the Miombo Woodlands of Southern Africa* ..... 341-346  
B.M. Tsamenyi: *Legal Aspects of Fisheries: The Need for Legal Training Facilities in the South Pacific* ..... 351-353

## REPORTS

### No. 1

H. Thiel, H. Weikert and L. Karbe: *Risk Assessment for Mining Metalliferous Muds in the Deep Red Sea* ..... 34-41  
K. Fytianos, V. Samanidou and T. Agelidis: *Comparative Heavy Metals Pollution in Rivers and Lakes of Northern Greece* ..... 42-44

### No. 2

P.G.H. Evans: *Dominica Multiple Use Project* ..... 82-89  
M. Falkenmark: *Hydrology of the Baltic Sea Area: Temporal Fluctuations in Water Balance* ..... 97-102  
M. Olsson and L. Reutergårdh: *DDT and PCB Pollution Trends in the Swedish Aquatic Environment* ..... 103-109

### No. 4

L. Kardell and S. Källman: *Heavy Metals in Antlers of Roe Deer from Two Swedish Forests, 1968-1983* ..... 232-235  
A. Jacobsson, E. Neuman and G. Thoresson: *The Viviparous Blenny as an Indicator of Environmental Effects of Harmful Substances* ..... 236-238

### No. 5

G. Jacks, E. Olofsson and G. Werne: *An Acid Surge in a Well-Buffered Stream* ..... 282-285  
U. Horstmann, H. Van der Piepen and K.W. Barrot: *The Influence of River Water on the Southeastern Baltic Sea as observed by Nimbus 7/CZCS Imagery* ..... 286-289

### No. 6

R.C. Petersen, L. Landner and H. Blanck: *Assessment of the Impact of the Chernobyl Reactor Accident on the Biota of Swedish Streams and Lakes* ..... 327-331  
P. Garberg and J. Höglberg: *The Role of Selenium-Oxygen Interactions in Selenium Metabolism* ..... 354-355